

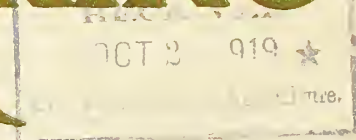
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BODDINGTON'S GARDEN GUIDE SPRING

1916



Dimorphotheca aurantiaca
African Orange Daisy

Calendar of Operations for Growing Vegetables for Home Use or Exhibition

By EDWIN JENKINS, Supt. Bellefontaine Gardens, Lenox, Mass.

[For the purpose of reckoning dates, New York is generally taken as a standard. Allow six days' difference for every hundred miles of latitude]

JANUARY AND FEBRUARY. Plan out your garden for the coming season, and order your seeds without delay, so that you will have everything at hand when the rush of spring work begins. Our staff has time to give early orders minute attention, which is not always possible in the hurry of March and April.

If you have a greenhouse, sow your exhibition onions and leeks, and for general use globe artichokes, celery, eggplant, peppers, cauliflower and early cabbage; use a rather rich soil.

MARCH. Those who are without greenhouse facilities should make up hotbeds as early as possible this month and sow the beforementioned seeds; with care they will not be far behind when planting-out time arrives. Sow now, Brussels sprouts, lettuce, parsley, and the main crop of tomatoes. By the middle of this month the onions, leeks and artichokes should be nice thrifty plants in 4-inch pots, and should be kept in a night temperature of 55°; syringe regularly to keep down red spider, but be careful not to break the leaves. Eggplants, peppers, cauliflower and cabbage should be potted or pricked out in flats, giving liberal room for growth; all these are subject to attacks of green fly and the best way to deal with this pest is to dip all the plants in a one-to-forty mixture of X-L-All Insecticide. Another sowing of all the kinds sown in February should be made now and as soon as the heat has partially subsided in the hotbeds, sow forcing carrots, beets, early Barletta onion, radish and spinach. For those who can afford the room it is a good plan to start some peas in boxes with removable bottoms, and when outside weather conditions permit, plant them out; they will be ready generally a week or more in advance of those sown outside. As soon as the frost is out and the ground has dried enough to walk on without sticking, sow carrots, beets, spinach, parsley and several rows of different varieties of peas.

APRIL. Dress the asparagus bed with nitrate of soda at the rate of five hundred pounds to the acre. If the strawberries have lifted with the frost roll with a heavy iron roller and give them a sprinkling between the rows with some complete fertilizer. All the various herbs should be sown now, as well as more peas, beets, carrots, etc. Sow some rhubarb and asparagus, so as to have good young plants coming along to take the place of those dug up for forcing, chicory, witloof and sea kale are valuable additions to the winter vegetables, which may be had if sown now. Toward the end of this month the cauliflower, cabbage and celery sown in the greenhouse may be planted outside, and another sowing should be made. April is a month of treacherous weather, and great care should be taken with the ventilating of frames, not to check any of the plants with cold draughts and still admit all the air possible; cover the frames and hotbeds every night with litter or mats. Remember the old adage "safe bind, safe find." Those who have the room should start one planting of sweet corn in pots; with reasonable care it will be a week or more in advance of the crop sown outside. (For preparation of ground for the exhibition roots, etc., see October notes.)

MAY. Sow main crop of onions as early as local weather conditions will permit; sow all the tender vegetables, as lima and string beans, corn, squash, melon, cucumbers, okra, etc. While there is always a chance of losing a sowing of these, yet it is worth while running the risk for the chance of getting a week to ten days longer season. The artichokes, onions and leeks should be planted out during the first or second week and great care should be taken to prevent wilting from hot, drying winds; an occasional spraying on hot days will be found very beneficial. On ground specially prepared, and during the first week in the month, sow the roots for exhibition (carrots, parsnips, long beets and salsify); when large enough to handle thin them to about 10 or 12 inches apart. Sow succession crops of beets, carrots, peas, lettuce, radish, spinach, cauliflower and cabbage; the winter crop of celery should be sown now.

JUNE. The main planting season is now over, but do not forget to keep up the succession sowings of lettuce, beans, peas, beets, radish, cauliflower, etc.; it should be the gardener's pride to keep up a steady supply of fresh young vegetables of all kinds. Give the onions, leeks, carrots, etc., growing for exhibition, an occasional light dressing with bone meal, guano, soot, lime, or any good complete fertilizer. Dust the melons, squash and pumpkins with slug-shot to keep down the squash bug. Spray the potatoes with bordeaux mixture and arsenate of lead.

JULY. Make another sowing of corn and spray the potatoes at least twice this month with the same mixture as above. Plant out winter celery on well-enriched land, either in trenches or on the level. There is usually some difficulty in getting good head lettuce from the middle of this month until the end of August. Our experience has been that with good rich soil in open frames, and with water at hand, there is no difficulty. We have found the variety Big Boston the most satisfactory. Weak doses of liquid manure will be of great assistance to all the exhibition stock. Plant out liberal quantities of cauliflower now for fall use. Sow tomatoes and cucumbers for winter use in the greenhouse.

AUGUST. Run the cultivator between all crops where it is possible, as this will conserve moisture and keep the weeds down. Sow in frames dwarf peas, beans, radish, spinach, and lettuce. Make and spawn mushroom beds. If you have no regular mushroom house, under the greenhouse bench or a shed or barn cellar will do. The exhibition onions will have finished growing by the end of this month and should be carefully lifted and put on excelsior to dry in a sunny, airy place. Handle with care as they are easily bruised.

SEPTEMBER. In many parts of the country frost may be expected this month and tender things should be protected with mats, boxes, pine branches, or anything that is handy; usually, if we can get through the early fall frost without injury, there is a few weeks of good weather afterward.

OCTOBER. This is a month of strenuous work for the man who wishes to have good exhibition vegetables next year, and right now the ground should be selected for growing peas, lima beans, artichokes, onions, leeks, Brussels sprouts, parsnips, carrots and other root-crops. First try to select a place where water is near-by; next where the soil is naturally deepest, then, after determining how much space the several kinds will take, proceed to open trenches at least 3 feet deep and from 4 to 6 feet apart (the reason for making the trenches so far apart is to use the top soil from between for filling, disposing of the bottom 2 feet from the trench in this space). This may seem rather a wasteful method, and of course can hardly be practiced where land is very scarce; still with a liberal amount of manure in this sub-soil lots of crops may be grown in it. Do not mix anything but well-rotted manure and about a pailful of bone meal to each 20 feet of trench, unless it is a sprinkling of lime. If the land is level a good plan is to leave the trenches open all the winter so as to let the frost exert its pulverizing influence on the soil, but if the ground slopes much it is better to refill at once to avoid washing in the spring thaws. Land prepared this way is better for all crops and will not suffer when the dry, scorching summer weather wilts and shrivels crops on shallow soils. Forcing asparagus and chicory may be commenced this month and these will be much appreciated as other fresh vegetables become scarce. Tie up endive and cover with straw to blanch.

NOVEMBER. The work of the foregoing month should be continued as long as the weather will permit. Dig up roots of rhubarb and asparagus for winter forcing. Store winter celery and all root crops not already in.

DECEMBER. Profit by the past season's experience with the several varieties of all the different crops and make up your seed order with the idea of getting the best.



THE PRODUCT OF BODDINGTON'S SEEDS

First Prize Collection of Vegetables, 18 varieties. Exhibited at Lenox Horticultural Society's Show, October 25, 1915. Won by Edwin Jenkins, Superintendent to Giraud Foster, Esq., Bellefontaine Gardens, Lenox, Mass.

The above exhibit consisted of the following vegetables: Artichoke, Green Globe; Asparagus, Conover's Colossal; Lima Bean, Large White; String Bean, Masterpiece; Brussels Sprouts, Wroxtton; Carrot, New Intermediate; Cauliflower, Boddington's Snowball; Celery, Boddington's Golden Self-blanching; Corn, Late Mammoth; Cucumber, Delicacy; Leek, The Lyon; Lettuce, Big Boston; Mushroom, Milltrack; Onion, Gigantic Gibraltar; Parsnip, Boddington's Hollow Crown; Peas, Green Gem; Potato, Sir Walter Raleigh; Tomato, Lister's Prolific.

SEEDS AND BULBS DELIVERED FREE

We deliver all Seeds and Bulbs, anywhere in the United States, at prices named in this catalogue, if your purchase amounts to One Dollar or over, and cash accompanies the order, by parcel post, express or freight, at our option, to your town or city. On Miscellaneous Garden Supplies, Implements, Fertilizers, Insecticides, Potatoes, Plants, Spirea, and Lily-of-the-Valley clumps, we do not pay postage, express or freight charges.

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We do not prepay transportation charges to foreign countries, or to the colonial possessions of the United States. It is, however, our practice to add extra articles wherever practicable, to offset the costs of transportation.

Remittances should be made by Draft on Bank, Post-Office Order, Registered Letter or Express Money Order. When Personal Checks are sent, please add 10 cts. for exchange. Small sums may be sent in loose postage stamps of small denominations. Particular care is essential in having name, post office, county and state distinctly written. We receive many orders deficient in these important particulars, often causing a delay of weeks in executing them, to the great inconvenience of both parties. Charge accounts are readily opened to all persons of approved credit.

Non-Warranty.—Arthur T. Boddington Company, Inc., give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs, or Plants they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. **All claims must be made within 5 days after receipt of goods.**

Boddington's Novelties in Vegetable Seeds

The following are careful selections of the best novelties and represent the cream of the latest productions of American and European plant breeders. All have been selected for their advancement on existing types and should be grown in every up-to-date kitchen garden and for exhibition purposes. Apart from these offerings, we specially desire to call the attention of customers and prospective buyers to the general list of vegetables following. If in doubt, "go by the rule," that is, the heavy line under the varieties; these are well-tried varieties, and by adhering to the rule you will automatically select the varieties most suitable for general cultivation. PLEASE ORDER BY NUMBER.

Beet, Non-Bleeding 400

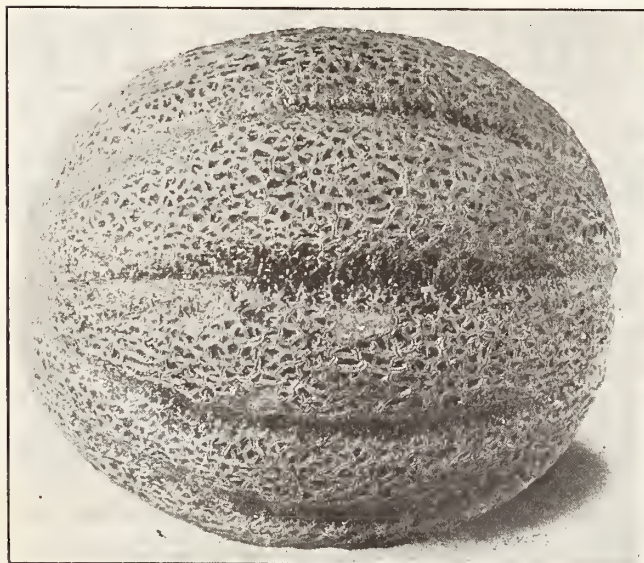
This variety of Long Beet has the unique quality of not bleeding when cut. Ordinary Red Beets require most careful handling; their color is ruined if the tap-root is broken in digging or the skin is abraded. This new Beet retains its deep color, even if cut into pieces before cooking. An excellent exhibition variety and unsurpassed for the table. **Pkt. 25 cts., 5 pkts. \$1.**

New Muskmelon, Boddington's Pink Flesh 915

Outside shell pale green and well netted; flavor unsurpassed; flesh scarlet and juicy to the outer shell, which is thin. Fruit large and has more edible flesh than any melon we know of. Free grower, sets well and of the easiest cultivation; will succeed in localities where most other melons fail. **Pkt. 25 cts., 5 pkts. \$1.**

Tomato, Market King 1273

This new Tomato is the result of a carefully thought out cross, and is an extremely good one for forcing under glass. A very heavy cropper, early, and produces round fruit, medium in size and very regular both in size and shape. It is clean and vigorous in growth and short-jointed, with large trusses of even, first-quality fruit. **Pkt. 25 cts., 5 pkts. \$1.**



New Muskmelon, Boddington's Pink Flesh

Tomato, Pioneer 1274

The fruits hang in long clusters, and generally two clusters hanging from a joint. This makes it one of the most prolific Tomatoes possible to grow. Out-of-doors the average weight has been four pounds to the plant, with practically a complete absence of small or "second" fruit. The fruits average six to the pound. It is exceedingly early and is remarkable for the very little foliage it throws. This characteristic allows the fruit to ripen evenly and renders less attention necessary. Particularly suitable for outdoor work. **Pkt. 25 cts., 5 pkts. \$1.**



Non-Bleeding Beet



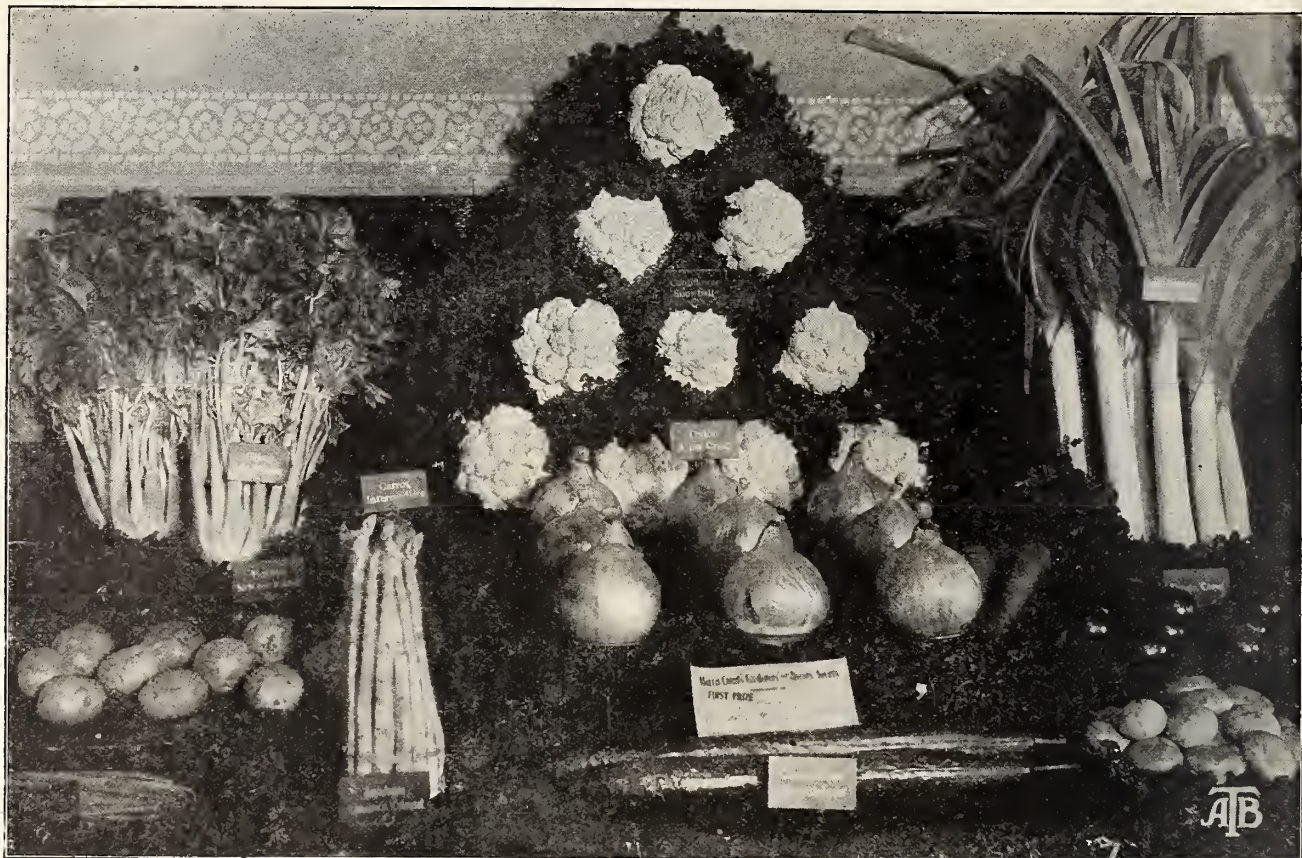
Pea, Boddington's Early of Earlies

For the convenience of our customers, and to facilitate the execution of orders, it is only necessary to state the quantity of seed required, together with corresponding number. Example: 1 qt. No. 123, 35 cts., means 1 qt. of Pea Gradus, 35 cts. Vegetable seeds are dispatched post, express or freight paid, in U. S., when cash accompanies order, to the value of \$1 or more. **FREE DELIVERY IS NOT MADE ON POTATOES.**

ENGLISH-GROWN GARDEN PEAS

* Those varieties preceded by a * are wrinkled varieties (that is, the seed is wrinkled)—they are far superior in flavor, but are not so hardy or early as the round-seeded varieties		Height feet	Price bus.	Price pk.	Price ½pk.	Price qt.	Price pt.
FIRST CROP							
101	Alaska.....	2½	\$9 00	\$2 25	\$1 25	\$0 35	\$0 20
103	Ameer, or Bountiful.....	3½	10 00	2 50	1 30	35	20
104	*American Wonder.....	1	9 00	2 25	1 25	35	20
115	Boddington's Early Bird.....	3	12 00	3 50	2 00	50	25
116	Boddington's Early of Earlies.....	2	15 00	4 00	2 25	60	30
110	*Daisy.....	1½	12 00	3 50	2 00	50	25
117	Earliest May.....	2	9 00	2 25	1 25	35	20
119	*Early Morn.....	3	12 00	3 50	2 00	50	25
120	*Excelsior (Sutton's).....	1½	12 00	3 50	2 00	50	25
121	First of All, or Daniel O'Rourke.....	2½	9 00	2 25	1 25	35	20
123	*Gradus, or Prosperity.....	3	10 00	2 50	1 30	35	20
124	*Green Gem (Sutton's).....	1	10 00	2 50	1 30	35	20
127	*Laxtonian.....	1½	12 00	3 50	2 00	50	25
128	Leader, The.....	3	12 00	3 50	2 00	50	25
130	*Mayflower.....	1½	12 00	3 50	2 00	50	25
132	*Nott's Excelsior.....	1	9 00	2 25	1 25	35	20
134	*Pioneer (Sutton's).....	2	12 00	3 50	2 00	50	25
135	*Premium Gem.....	1	9 00	2 25	1 25	35	20
144	Velocity.....	2	12 00	3 50	2 00	50	25
146	William I (Improved).....	3½	10 00	2 50	1 30	35	20
SECOND CROP							
109	*Champion of England.....	4	10 00	2 50	1 30	35	20
111	*Duchess.....	4	12 00	3 50	2 00	50	25
112	*Duke of Albany.....	5	10 00	2 50	1 30	35	20
114	Dwarf Sugar.....	2	10 00	2 50	1 30	35	20
118	*Everbearing.....	2½	10 00	2 50	1 30	35	20
125	*Horsford's Market-Garden.....	2½	10 00	2 50	1 30	35	20
129	*Lincoln, The.....	1½	12 00	3 50	2 00	50	25
131	*McLean's Advancer.....	2½	10 00	2 50	1 30	35	20
133	*Peerless Marrowfat (Sutton's).....	3	12 00	3 50	2 00	50	25
138	*Quite Content.....	5-6	12 00	3 50	2 00	50	25
140	*Senator, The.....	4	10 00	2 50	1 30	35	20
141	*Stratagem.....	2	10 00	2 50	1 30	35	20
142	*Telephone.....	5	10 00	2 50	1 30	35	20
147	World's Record.....	3	15 00	4 00	2 25	60	30
148	*Yorkshire Hero.....	2½	10 00	2 50	1 30	35	20
MAIN CROP							
105	*Bell's Premier.....	5½					
106	*Boddington's Mammoth Marrowfat.....	5-6	20 00	5 25	2 75	75	40
108	Buttercup.....	2	12 00	3 50	2 00	50	25
113	*Dwarf Defiance.....	2½	10 00	2 50	1 30	35	20
126	*Incomparable.....	3½	12 00	3 50	2 00	50	25
136	*Prestige.....	3	12 00	3 50	2 00	50	25
137	*Prince Edward.....	4½	12 00	3 50	2 00	50	25
139	*Scotsman, The.....	3½	12 00	3 50	2 00	50	25
143	*Thomas Laxton.....	3	10 00	2 50	1 30	35	20
145	*Warriston Wonder.....	5					
LATE CROP							
102	*Alderman.....	5	10 00	2 50	1 30	35	20
107	Black-eyed Marrowfat.....	3	9 00	2 25	1 25	35	20
122	*Gladstone.....	3-4	12 00	3 50	2 00	50	25

FULL DESCRIPTIONS OF PEAS ON PAGES 4, 5 AND 6



THE CHALLENGE \$75 PRIZE COLLECTION OF VEGETABLES

Exhibited and won by Mr. Wm. Duckham, supt. to Mrs. D. Willis James, Madison, N. J., at the Annual Flower Show of the Morris County Gardeners' and Florists' Society, Madison, N. J. Seeds supplied by Boddingtons

Boddington's English-Grown Peas

One quart will plant about 100 feet of drill; $1\frac{1}{2}$ to 2 bushels for an acre

Peas of the extra-early, smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall, late varieties need brush or other support. By selecting sorts that do not grow much over 2 feet high, the necessity of providing brush may be avoided. Judicious selection of varieties, and planting frequently for succession, will give us a full supply of the choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows 3 or 4 inches deep and 3 feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late, tall sorts may be planted in double rows, and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. The very dwarfest sorts of the Nott's Excelsior and American Wonder types will succeed only on the very richest garden land, and may be planted in rows 1 foot apart.

Alaska. 101. One of the very earliest blue Peas; quite productive. Height $2\frac{1}{2}$ ft. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25, bus. \$9.

Alderman.* 102. An improved Telephone; very useful for exhibition. One of the finest Peas ever put on the market. Height 5 ft. Pt. 20c., qt. 35c., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Ameer, or Bountiful. 103. A round-seeded, very early variety; large pods, well filled. $3\frac{1}{2}$ feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

American Wonder.* 104. Early and productive; fine quality. Height 1 foot. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25, bus. \$9.

Bell's Premier.* 105. This magnificent new Pea is a cross between Gradus and The Bell. Height $5\frac{1}{2}$ feet. A late second-early, with strong haulm and with medium green foliage; pods borne in pairs, with nine to eleven large Peas of splendid flavor. Pkt. of $\frac{1}{4}$ pint, 35 cts.

Boddington's Mammoth Marrowfat.* 106. This undoubtedly is the largest Pea in cultivation. A main-crop Pea; height 5 to 6 feet; it is a heavy cropper and exceedingly prolific; to be exact, one might call it a Mammoth Alderman. Pt. 40 cts., qt. 75 cts., $\frac{1}{2}$ pk. \$2.75, pk. \$5.25, bus. \$20.

Black-eyed Marrowfat. 107. Very hardy and prolific; for market. Height 3 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25, bus. \$9.

Buttercup. 108. Best described as a hardy type of Daisy. A very fine and robust main-crop Pea, with long, handsome, well-filled pods. Height about 2 feet. Pods rich green, produced in pairs, averaging ten Peas in each. Peas having seed of this character are well adapted for cold, wet and exposed situations. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Champion of England.* 109. A well-known standard variety; sow thickly. Height 4 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Daisy.* 110. The vines 18 inches in height, are very stout, and generally bear a good crop of large, well-filled pods. The pods average 5 inches in length, containing seven to nine large Peas of light green, which are tender and sweet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Duchess.* 111. One of the very best of the tall Peas; large, dark green, pointed pods; a great improvement on the Duke of Albany. Is sometimes called Green Telephone. Ready for use about July 7. Pt. 25 cts., qt. 50c., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

BODDINGTON'S ENGLISH-GROWN PEAS, continued

Duke of Albany* (American Champion). 112. Immense pods on style of Telephone. Height 5 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Dwarf Defiance.* (Sutton's.) 113. One of the most important Peas for main crop, possessing true marrowfat quality. Grows about 2 to 2 $\frac{1}{2}$ feet high, with long, straight, dark green pods, closely packed. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Dwarf Sugar. 114. Second-early. Edible pods. Height 2 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Early Bird. 115. A round-seeded Pea of the Gradus type, embodying the roundness of a round variety, with the flavor and size of pod of Gradus. May be sown early to great advantage in order to obtain very early results in the spring. It is a vigorous, branching plant, growing 3 feet in height, and bears throughout the length of the haulm a large proportion of pods in pairs, which contain fine, deep green Peas of exquisite marrowfat flavor. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Early of Earlys. 116. Pea is thoroughly fixed and free from sporting tendencies, 2 feet high, of healthy, vigorous growth; white, round seed and very hardy. The pods, 3 $\frac{1}{2}$ to 4 inches long, appear in great quantities and mostly in pairs, and of the same shape. Pt. 30 cts., qt. 60 cts., $\frac{1}{2}$ pk. \$2.25, pk. \$4, bus. \$15.

Earliest May. 117. One of the earliest Peas in cultivation. Height 2 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25, bus. \$9.

Everbearing.* 118. A good standard variety; long pods; large Peas; sow thinly. Height 2 $\frac{1}{2}$ feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Early Morn.* 119. The pods are very large and well filled, and are often ready to pick during June. Height about 3 feet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Excelsior.* (Sutton's.) 120. Ready for picking with American Wonder. Quite equal to many of the marrowfat Peas. Height 1 $\frac{1}{2}$ feet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

First of All, or Daniel O'Rourke. 121. Well known market-garden, extra-early Pea, productive and profitable to grow. Height 2 $\frac{1}{2}$ feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25, bus. \$9.

Gladstone.* 122. The strong constitution enables the plant to remain healthy for a long time during drought. Pods pointed, slightly curved, and are fit to gather at a period of the year when it is uncommon to have Peas for the table. 3 to 4 feet. Pt. 25c., qt. 50c., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Gradus, or Prosperity.* 123. Height about 3 feet, and of robust growth. Pods are large and well filled, containing at times as high as ten Peas, which are sweet and tender, and remain so for several days after being gathered. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Green Gem.* (Sutton's.) 124. A splendid Pea; very prolific. Pods long, broad and pointed; dark green in color; flavor extra good. Height about 1 foot. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Horsford Market-Garden.* 125. On the type of the McLean's Advancer; very prolific. Height 2 $\frac{1}{2}$ feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Incomparable.* 126. One of the finest garden Peas yet offered. Haulm robust, freely branched, producing a marvelous display of handsome, dark green pods, filled with large and delicious Peas. Much valued both for the table and the exhibition stage. Edwin Jenkins says the name covers all the fine points of this Pea. 3 to 4 feet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Laxtonian.* 127. One of the earliest Peas in existence. It is a true marrowfat, having the richness and quality of the best main-crop varieties. Height 18 inches. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Leader, The. 128. This variety is of extremely robust growth, and produces an abundance of very large pods, filled with deliciously sweet Peas. Being a round-seeded variety it may be sown earlier. Height 3 feet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Lincoln, The.* 129. A dwarf variety, about 1 $\frac{1}{2}$ feet, producing the long, curved, deep green pods in pairs, literally covering the plant. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Mayflower.* 130. A new and prolific first-early marrowfat Pea. The vine is robust, possessing the same healthy character as its famous parent, Daisy. Height 18 inches. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

McLean's Advancer.* 131. A fine standard sort, excellent quality; tender and of fine flavor. Height 2 $\frac{1}{2}$ feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Nott's Excelsior.* 132. Splendid, early wrinkled sort; very prolific. Height 1 foot. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25, bus. \$9.

Peerless Marrowfat.* (Sutton's.) 133. The robust habit, profusion of very large and well-filled, deep green pods, combined with the remarkable size and superb flavor of the Peas, are qualities which have insured its popular position. Height 3 feet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Pioneer.* 134. A first-early Pea with many fine qualities. The plant is unusually robust in habit, and carries a heavy crop of long, pointed pods of dark green, which are well filled with rich-flavored Peas. About 2 feet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Premium Gem.* 135. Early; straight pods, well filled. Height 1 foot. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.25, pk. \$2.25, bus. \$9.

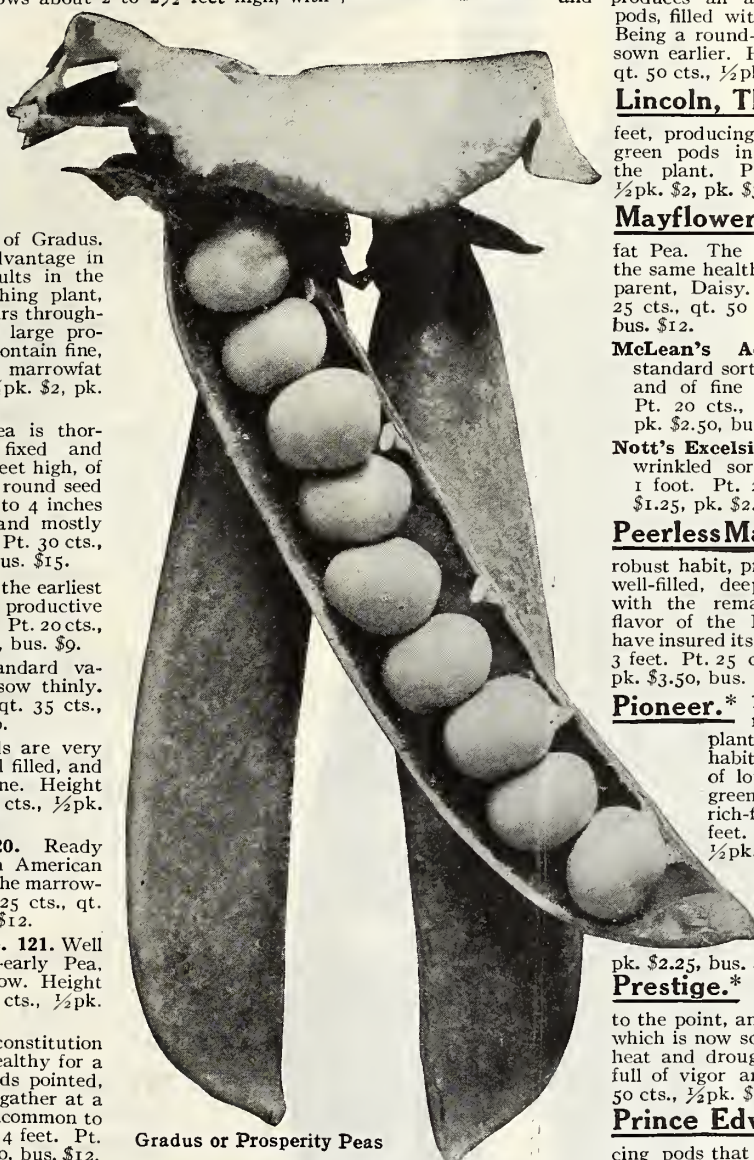
Prestige.* 136. Height 3 feet. Pods long, straight, pointed full to the point, and of the dark green color which is now so popular. In spite of the heat and drought of the summer, it is full of vigor and pods. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Prince Edward.* 137. Very prolific, and producing pods that are simply giants, full of Peas right to the end. Color dark green and flavor unsurpassed. Height 4 $\frac{1}{2}$ feet. Ready second week of July. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

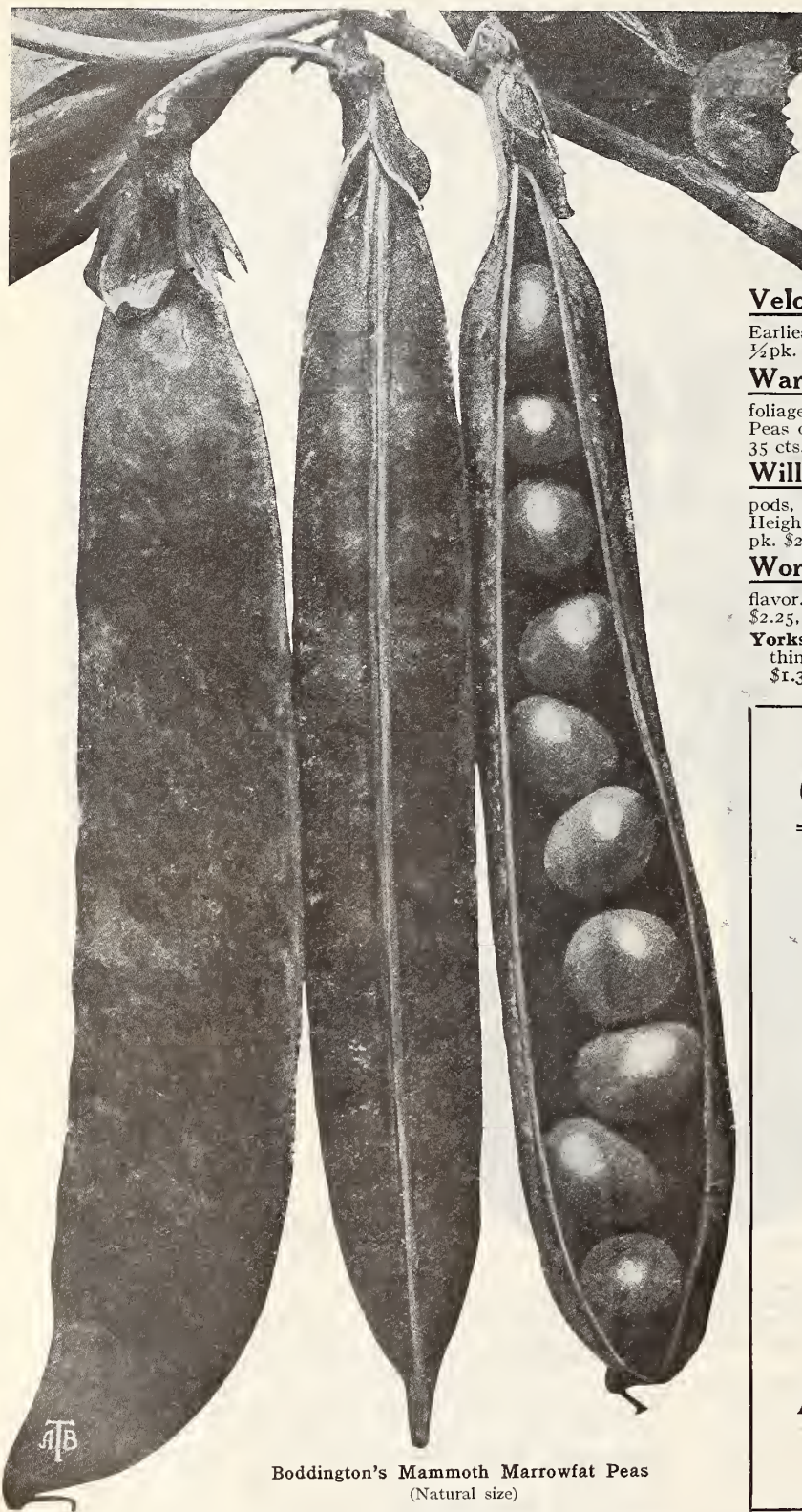
Quite Content.* 138. The haulm is medium dark; about 5 feet, with large, straight, medium-dark pods, mostly in pairs, from 5 to 6 inches in length, containing nine to ten Peas in a pod; good flavor; an excellent variety for second-early use. It is exceedingly prolific, and the pods hang mostly in pairs. Height 5 to 6 feet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Scotsman, The.* 139. A grand Pea, of immense size and excellent flavor; heavy cropper; well suited for exhibition purposes. Height 3 $\frac{1}{2}$ feet. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Senator, The.* 140. A grand second-early, productive of large, luscious, very wrinkled Peas. The handsome, large, round pods are curved and always well filled with from seven to ten Peas in a pod. Height 4 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.



Gradus or Prosperity Peas



Boddington's Mammoth Marrowfat Peas
(Natural size)

BODDINGTON'S ENGLISH-GROWN PEAS, continued

Stratagem.* 141. Very large pods; Peas of the first quality. Height 2 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Telephone.* 142. Enormous pods and Peas of the best quality. Height 5 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Thomas Laxton.* 143. The pods are large and contain seven or eight large-sized, wrinkled Peas of the finest flavor. Height, 3 feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Velocity. 144. Extra early; blue; most valuable introduction. It is a dwarfier form of Earliest of All, about 2 feet high. Pt. 25 cts., qt. 50 cts., $\frac{1}{2}$ pk. \$2, pk. \$3.50, bus. \$12.

Warriston Wonder.* 145. A main-crop Pea, with strong haulm and dark green foliage; pods borne in pairs, with ten or eleven immense Peas of exquisite flavor. Height 5 feet. Fkt. of $\frac{1}{4}$ pint. 35 cts.

William I. (Improved.) 146. Excellent for early gathering; dark green, handsome, curved pods, which are well filled. A carefully selected stock. Height about $3\frac{1}{2}$ feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

World's Record.* 147. Habit very prolific; pods dark green; Peas of superb flavor. Height about 3 feet. Pt. 30 cts., qt. 60 cts., $\frac{1}{2}$ pk. \$2.25, pk. \$4, bus. \$15.

Yorkshire Hero.* 148. Spreading; productive. Sow thinly. Height $2\frac{1}{2}$ feet. Pt. 20 cts., qt. 35 cts., $\frac{1}{2}$ pk. \$1.30, pk. \$2.50, bus. \$10.

Change of Address

By January 1, 1916, we shall have moved to our new and more convenient location

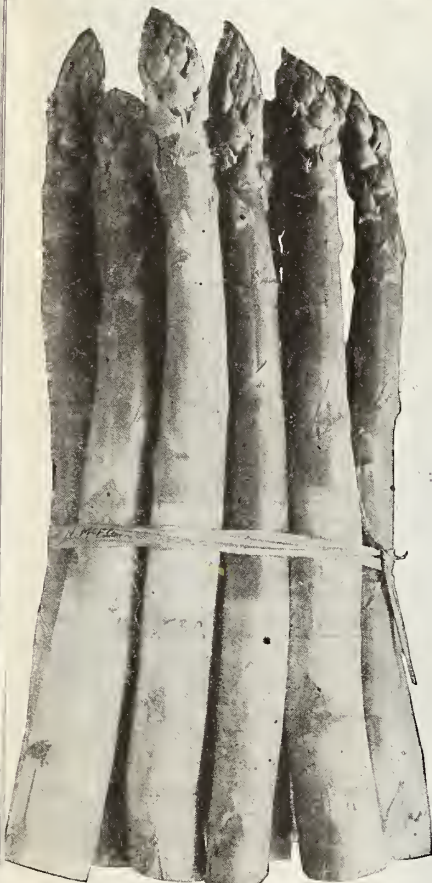
*128 Chambers Street
New York*

We hope our patrons will favor us with a call. Our clerks are horticulturists and are never too busy to give helpful information and advice.

ARTHUR T. BODDINGTON
COMPANY, Inc.

When comparing our prices, please remember that we pay transportation charges in U. S. on Flower and Vegetable Seeds, except Potatoes, when cash accompanies orders amounting to \$1 and over

Boddington's Select List of QUALITY VEGETABLE SEEDS



Colossal Asparagus

ALKEKENGI (*Physalis edulis*) 201

This is the well-known Cape Gooseberry. It is excellent for preserving, and, in fact, is a real Wonder Berry. Pkt. 10 cts., oz. 50 cts.

ARTICHOKE One ounce will produce 500 plants

Artischofe ARTICHAUT Alcachofa

French Globe. 211. The standard sort. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.75.

Large Globe, or Paris. 212. The finest of all Globe Artichokes. Pkt. 10 cts., oz. 60 cts., ¼ lb. \$2.

Jerusalem (*Helianthus tuberosus*). Distinct from the Globe, and propagated by and for its tubers. Largely used for pickling and boiling, and for feeding stock. Bears a handsome, decorative flower,—in fact, it is a sunflower. Price of tubers: Qt. 15 cts., pk. \$1, bus. \$3.50.

ASPARAGUS One ounce will plant about 50 feet of drill

Spargel ASPERGE Esparrago

Colossal. 221. The standard sort. Pkt. 5 cts., oz. 10 cts., ¼ lb. 35 cts., lb. \$1.25.

Early Giant Argenteuil. 222. Earlier, more regular and better yielder than Conover's Colossal. Pkt. 5 cts., oz. 10 cts., lb. \$1.25.

Palmetto. 223. Of southern origin. Bright green; very desirable. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.

ASPARAGUS ROOTS. See page 31.

BEANS

ENGLISH or BROAD BEANS

Große Bohnen FÈRE DE MARAIS Haba

Sow in drills 2 feet apart, as early in the spring as the ground can be worked (these are as hardy as peas), in order to get them into pod before the heat of summer. When in pod, break off the top of the plant to check the growth. Plant and hoe the same as for Dwarf Beans. A strong soil suits them best.

Johnson's Wonderful. 251. Long pod; very early, hardy and bears freely. Pt. 25 cts., qt. 40 cts., pk. \$3.

Taylor's Broad Windsor. 252. The largest variety grown; very tender and delicious. Pt. 25 cts., qt. 40 cts., pk. \$3.

BUSH LIMA BEANS

One quart will plant 200 feet of drill

Plant about May 15, in light, rich soil, in drills 2 feet apart, dropping the seeds about 1 foot apart in the row, and cover 2 inches.

New Improved Bush Lima. 263. Similar to Burpee's Bush Lima except that pods are larger in size and are well filled with larger and thicker Beans. A far greater producer, growth more vigorous, the blossom-bearing stalks are thrown well out of the foliage, and are ready for picking a full week earlier. Pt. 30 cts., qt. 50 cts., pk. \$3.

Burpee's Bush Lima. 264. A bush form of the large Pole Lima, the Beans being large and flat like those of that variety. Productive and good. Pt. 20 cts., qt. 40 cts., pk. \$2.75.

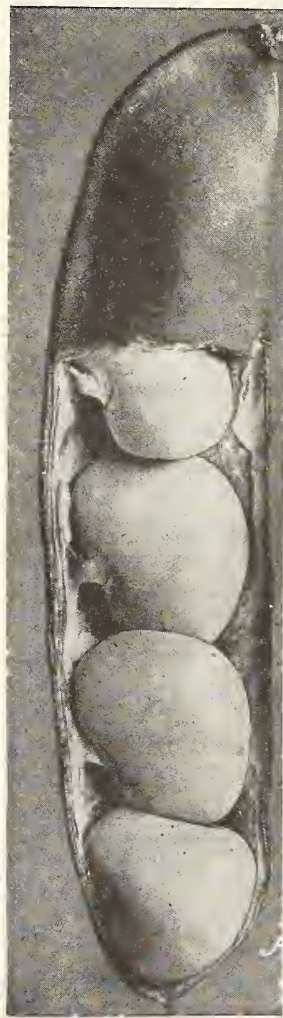
Dreer's Bush Lima. 265. The bush form of Dreer's Improved Lima, the Beans growing close together in the pods. Pt. 20 cts., qt. 40 cts., pk. \$2.75.

Dreer's Wonder Bush Lima. 266. An improvement on Burpee's Bush Lima, being earlier. The plants are upright and compact in growth, and are completely covered with large pods, many of which contain four Beans, which are large and flat. Pt. 20 cts., qt. 40 cts., pk. \$2.75.

Fordhook. 267. A more erect form of the Popular Challenger or Potato Lima, and ten days earlier. Both pods and Beans are almost twice the size of the Kumerle or Dreer's Bush Lima. Pods measure 4 to 5 inches, frequently containing four fine Beans of the finest flavor. Pt. 25 cts., qt. 40 cts., pk. \$2.50.

Henderson's Bush Lima. 268. Early and very productive. Pt. 20 cts., qt. 40 cts., pk. \$2.75.

When cash accompanies order, amounting to one dollar or more, for Flower and Vegetable Seeds (excepting Potatoes), WE PAY DELIVERY TO ANY PART OF THE UNITED STATES.



Fordhook Bush Lima Beans

Pole or Running Beans

Stangenbohnen

HARICOT A RAMES

Judia

Lima or Shell Beans are not to be planted too early or they will rot; May 20 to June 1 in the latitude of New York is about right. Put five or six seeds in hills, 3 to 4 feet apart each way, placing them edgewise with the eye downward, and covering 2 inches deep. They require a pole 7 feet high, and a nice, warm loam. Pinch back when the vine reaches the top of the pole, and the yield will be increased. They may be started early under glass in small boxes, and transplanted about the time the seeds are usually planted. Limas are the most popular table Bean; surplus stock may be ripened and dried for winter use.

One quart will plant 100 hills

POLE LIMA BEANS

Burpee's Giant-podded.

279. This is the largest-podded and heaviest cropper of all Limas. The pods are truly gigantic in size, frequently measuring from 7 to 8½ inches in length and 1½ to nearly 2 inches in width. The Beans are extra large, and thicker than any other Pole Lima, excepting only those of the Potato-Lima type; they are invariably of superb flavor. Pt. 40 cts., qt. 75 cts., 2 qts. \$1.40, ½pk. \$2.50, pk. \$4.50.

Carpintera. 280. The vine is very strong, of vigorous growth; is a broad-seeded Bean and much thicker than the ordinary Pole Lima. Pt. 20 cts., qt. 40 cts., ½pk. \$1.50, pk. \$2.75.

Dreer's Improved Pole Lima. 281. A great improvement upon the Large Lima, being more productive and better. Pt. 20 cts., qt. 40 cts., ½pk. \$1.50, pk. \$2.75.

Early Leviathan. 282. The pods are long and straight, and contain four and five Beans. Pt. 20 cts., qt. 40 cts., ½pk. \$1.50, pk. \$2.75.

Extra-Early Jersey Lima. 283. Fine flavor, early and productive. Pt. 20 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.

Ford's Mammoth. 284. One of the largest, the pods containing from five to eight Beans. Pt. 20c., qt. 35c., ½pk. \$1.25, pk. \$2.

King of the Garden Lima. 285. Large in pod and Bean. Pt. 20c., qt. 35c., ½pk. \$1.25, pk. \$2.25.

Large White Lima. 286. One of the best shell Beans grown; matures in ninety days. Pt. 20 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.

Small Sieva, or Carolina. 287. Early and productive. Pt. 20 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.

POLE BEANS GREEN-PODDED

Improved Kentucky Wonder

(Old Homestead). 298. An improved variety of this well-known Bean. Pods long, green and flat. Pt. 20 cts., qt. 40 ½pk. \$1.50, pk. \$2.75.

Scarlet Runner. (Boddington's Re-selected.) 309. A great favorite, both ornamental and useful. Bright scarlet flowers. Used both as a string and shell Bean. Pt. 40 cts., qt. 75 cts., ½pk. \$2.50, pk. \$4.50.

POLE BEANS, WAX-PODDED

Horticultural Golden Carmine Wax-podded. 320. Handsome, large, stringless pods. Pt. 20 cts., qt. 35 cts., ½ pk. \$1.25, pk. \$2.

Dwarf or Bush Beans

Buschbohnen

HARICOTS NAIN

Frijolis enano

The varieties of this class are tender, and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, with the Beans 2 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to the stem,

but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

One quart will plant 100 feet of drill

Boddington's Bountiful.

(Selected.) 331. Remarkably early. Exceedingly prolific. Long, green pods; always solid, tender and of delicious flavor. The pods are fit to pick four days in advance of any other variety of approximate size and merit. This variety is also excellent for forcing or early work in frames. Pt. 30 cts., qt. 60 cts., ½pk. \$2.25, pk. \$4.50.

Burpee's Stringless Green-Pod. 332. This variety is earlier than Long Yellow Six Weeks. Pt. 30c., qt. 60c., ½pk. \$2.25, pk. \$4.50.

Canadian Wonder. 333.

More vigorous than most other dwarf Beans; large pods; a favorite for table and exhibition; very prolific. Do not sow too thickly. Pt. 30 cts., qt. 60 cts., ½pk. \$2.25, pk. \$4.50.

Dwarf Horticultural. 334.

Late and very productive. Stringless and of excellent flavor. Pt. 30 cts., qt. 55 cts., ½pk. \$2, pk. \$3.75.

Early Mohawk. 335. Long, flat pods; early, hardy, productive. Pt. 30 cts., qt. 55 cts., ½pk. \$2, pk. \$3.75.

Earliest Red Valentine. 336. Usually ready to pick in thirty-five days from time of planting. Pt. 30 cts., qt. 55 cts., ½pk. \$2, pk. \$3.75.

Everbearing. (Hurst's.) 337.

Perfectly distinct. Marvelously productive, extremely early and of very fine quality. The pods are dark green in color. The plant is dwarf, robust and bushy, and should be allowed plenty of room for growth. Pt. 30 cts., qt. 60 cts., ½pk. \$2.25, pk. \$4.50.

Extra-Early Refugee. 338. Large, productive; tender, fleshy pods. Pt. 30 cts., qt. 50 cts., ½pk. \$1.75, pk. \$3.25.

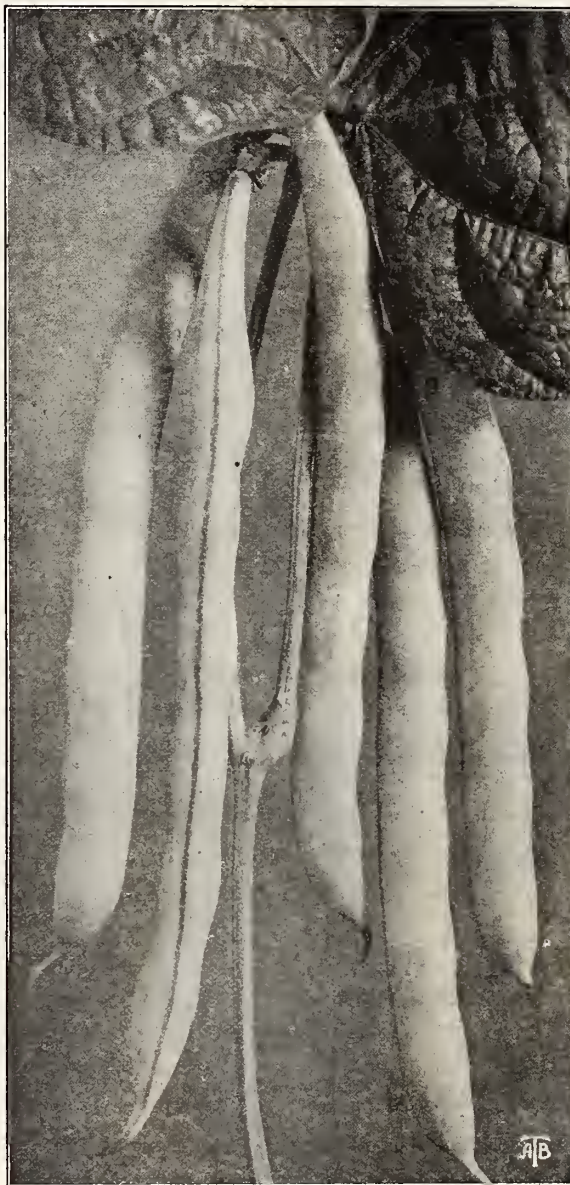
Longfellow. 339. Extra early, very prolific and long-bearing; flat, green pods, tender and stringless. Pt. 30 cts., qt. 55 cts., ½pk. \$2, pk. \$3.75.

Long Yellow Six Weeks. 340. Very early and productive; full and flat pods. Pt. 30 cts., qt. 50 cts., ½pk. \$1.75, pk. \$3.25.

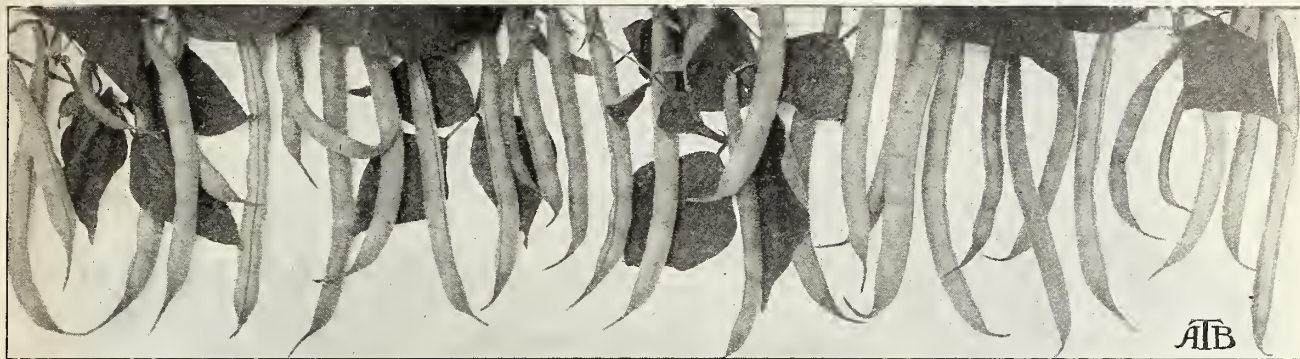
Mammoth Stringless Green-Pod. 341. One of the earliest green-podded sorts, produces large, handsome pods some of which measure fully 6 inches in length. Pt. 30 cts., qt. 50 cts., ½pk. \$1.75, pk. \$3.25.

Ne Plus Ultra. 342. An extra-early sort. Green, full, flat pods; exceedingly productive; one of the best for forcing under glass. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$4.75.

The crop of Dwarf Green and Wax-podded Beans is unusually short this season, due to wet and sunless weather. We recommend customers to buy early to avoid disappointment.



Everbearing Beans



Boddington's Bountiful Beans

DWARF or BUSH BEANS GREEN-PODDED

Refugee, or Thousand-to-One. 346. Pt. 30 cts., qt. 55 cts., ½pk. \$2, pk. \$3.75.

Sutton's Masterpiece.

343. Introduced by Sutton & Sons in 1910, and has proved to be a distinct advance on varieties previously grown. The comparative trials in their experimental grounds leave no room for doubt as to its superiority. The plant is robust in constitution, unusually prolific, and the long pods are straight, handsome and tender. As a very quick grower, Sutton's Masterpiece will be a valuable addition to the varieties adapted to pot culture. Pt. 60 cts., qt. \$1, ½pk. \$3.50, pk. \$6.50.

Sutton's Plentiful.

344. Stringless. A perfectly distinct Dwarf Bean, bearing an abundant crop of long, broad pods which have the advantage of being practically stringless. One of the earliest varieties and we confidently recommend it. Pt. 50 cts., qt. 90 cts., ½pk. \$3, pk. \$5.75.

Triumph of the Frames.

345. A good variety for forcing or early outdoor work. Produces a mass of pale green pods; is very dwarf prolific, and of rich, tender quality. Pt. 50 cts., qt. 90 cts., ½pk. \$3, pk. \$5.75.

Valentine, Black. 347. Pt. 30c., qt. 50 cts., ½pk. \$1.75, pk. \$3.25.

DWARF or BUSH BEANS WAX-PODDED

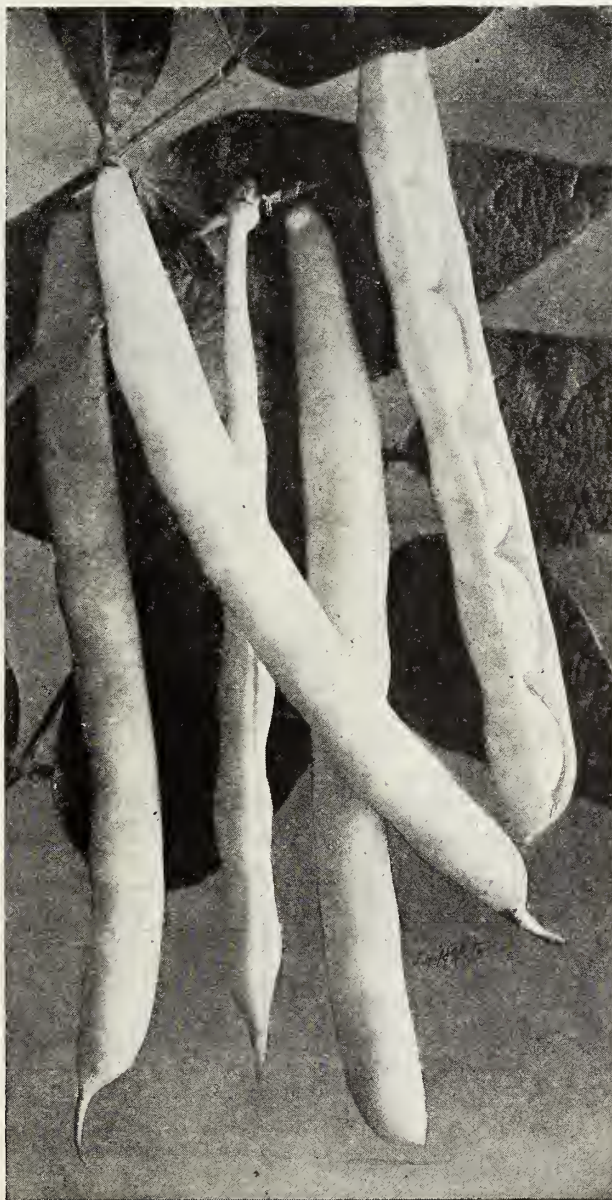
Black Wax. Improved. 358. Perfectly round pods; very early and productive. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

Burpee's New Kidney

Wax. 359. Hardier and more prolific than the popular Wardwell's Kidney Wax, with even handsomer pods of better quality. Pt. 50 cts., qt. 90 cts., ½pk. \$3, pk. \$5.75.

Currie's Rust-proof Black Wax.

360. Pods long, flat and straight, of beautiful golden color. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.



Beans, Hodson Kidney Wax

Davis Wax. 361. A rustless, productive Wax-podded Bean. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

Flageolet Wax. 362. Scarlet; unsurpassed in flavor. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$4.75.

Golden Wax, Improved. 363. Free from rust; larger in pod and more prolific than the old variety. It is also handsome and robust. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

Golden-eyed Wax. 364. Early and free from rust; pods flat and larger than the Golden Wax. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

Hodson Kidney Wax.

365. The pods are late in maturing and are unusually free from blight or rust. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

Keeney's Rustless Wax.

366. The pods are thick and meaty, entirely stringless, tender and of fine quality. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$4.75.

Michigan White Wax.

367. This Bean will, no doubt, prove of exceptional value, as there has been a demand for a good, white-seeded Wax Bean. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

Refugee Wax. 368. Suitable for early and late sowing. Long, round, yellow wax pods. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$4.75.

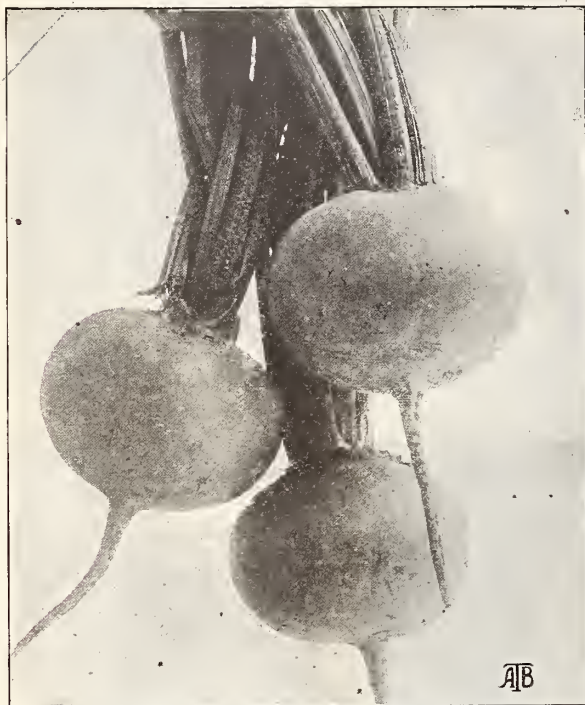
Round-Pod Kidney Wax. 369. (Brittle Wax.) Same as Wardwell's Kidney, but with round pods. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

Valentine Wax. 370. It is, without exception, the earliest Wax Bean in use. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

Wardwell's Dwarf Kidney Wax.

371. A perfect kidney shape. It produces a heavy crop of wax pods which are long, flat, showy and not liable to rust. A very desirable sort. Pt. 40 cts., qt. 75 cts., ½pk. \$2.75, pk. \$5.25.

White Wax. 372. Waxy pods; flat, stringless, and of fine flavor; plants very prolific. Pt. 35 cts., qt. 65 cts., ½pk. \$2.50, pk. \$4.75.



Boddington's Early Model Red Globe Beets

BEETS

One ounce will sow 50 feet of drill;
5 to 6 pounds for an acre

Salatrübe *BETTERAVE* *Remolacha*

The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough, thin out to stand 6 inches apart in rows. Continue for a succession as late as the middle of July.

Boddington's Early Model Red Globe. 383. This Beet is perfect in shape, has a very small tap-root, very little foliage; is very early and of a deep, rich color, and should take the place of all globe or flat, round Beets. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Boddington's Exhibition Long Purple. 384. Unequaled for form, smoothness, color and quality of the root. It was certificated at the Vegetable Conference as the best type of dark Beet. Always cuts well. Pkt. 25 cts., 5 pkts. \$1.

Bastian's Early Blood Turnip. 385. Larger than Dark Red Egyptian; tender and sweet; retains its blood-red color after cooking. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Columbia Blood Turnip. 386. Smooth skin, deep blood-red flesh; rich and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Crimson Globe. 387. One of the finest Globe Beets; fine, globular shape; flesh rich, deep crimson; fine quality, very tender and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Crosby's Egyptian. 388. A selection from Early Egyptian, which retains the earliness of the parent stock; rapid grower and can be sown outside as late as July. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.

Detroit Dark Red Turnip. 389. A grand Beet; roots are perfect turnip shape; one of the deepest red Beets. Quality of the best; sweet and tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Dewing's Improved Blood Turnip. 390. Of fine form and flavor; deep blood-red. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Early Blood Turnip. 391. Dark red; well flavored; a favorite for summer and winter use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Early Flat Bassano. 392. Early; light color. A standard variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Eclipse. 393. Early; flesh deep blood-red, firm and sweet. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Edmand's Early Blood Turnip. 394. Deep blood-red; sweet and tender in quality; good marketable size; highly recommended as second-early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

BEETS, continued

Egyptian. 395. Flat-shaped, extra early, deep red, tender and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Electric. 396. Extra early; nearly round; bright red. Fine table quality. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Half-Long Blood. 397. A half-long Beet, of the finest quality; sweet, crisp and tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Lentz Extra-Early. 398. Round; dark red; early; small top and fine keeper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Long Smooth Blood-Red. 399. Large; late; deep blood-red; best for winter. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

SWISS CHARD, or SPINACH BEET

Used for "greens;" the leaf-stalks are cooked like asparagus.

Giant Lucullus. 410. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Green Lyon. 411. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Silver Lyon. 412. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Mangel-Wurzel

(See Root Crops for Feeding Stock, page 30.)

BORECOLE, or KALE

Krausfohl *CHOU VERT* *Breton*

Sow about the middle of April, in prepared beds, covering thinly and evenly; plant out in June, following the directions recommended for cultivating cabbage.

Dwarf Brown. 423. A beautifully curled variety, with spreading foliage; hardy and of fine flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Dwarf Green Curled Scotch. 424. Very hardy, and improved by moderate frost. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Tall Green Curled Scotch. 425. The best for winter; very hardy. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Siberian, or Sprouts. 426. Sown in September and treated like spinach, it is fit to cut early in spring. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Variegated, or Garnishing. 427. Extra-choice, selected stock, embracing all the most beautiful and distinct shades of color, varying from white and green to pink and rich crimson. Pkt. 25 cts., 5 pkts. \$1.

BROCCOLI

Spargelfohl *BROCCOLI* *Brocoli*

Sow the first week in May, in drills 3 to 4 inches apart, covering the seeds lightly. When the leaves are about 3 inches broad, transplant to prepared beds, 2 feet apart each way.

Early Purple Cape. 438. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

Early White Cape. 439. A hardy and vigorous variety; heads large and firm. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

BRUSSELS SPROUTS

Rosentohl *CHOU DE BRUXELLES* *Berza de Brusels*

Sow in hotbeds, in March or April, and in the open ground in May. Cultivate same as broccoli and cabbage.

Boddington's Exhibition. 450. This strain has been carefully grown and selected for us for a number of years, and we have had the most encouraging reports about it from the largest market-gardeners and others. As a hardy, productive and finely flavored Sprout it cannot be excelled. Pkt. 25 cts., 5 pkts. \$1.

Dwarf Gem. 451. The dwarfest and earliest of all the varieties. Sprouts very solid, and excellent in flavor. Pkt. 30 cts., 4 pkts. \$1.

Improved Dwarf. 452. A dwarf variety; early; produces numerous heads, which are very tender and of fine flavor. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Long Island Improved. 453. Produces handsome, solid, round Sprouts of the best quality. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Wroxton. 454. Specially selected English variety; fine for exhibition purposes. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.



Boddington's Early of Earlies Cabbage, showing conical heart

CABBAGE

Rohi
Berza

CHOU

One ounce will produce
3,000 to 4,000 plants

For very early use sow in January or February, in hotbeds; prick out when plants are strong enough into other hotbeds; or sow in coldframes in March, transplant to the open ground when danger from killing frosts is past, in rows 2 feet apart and 18 inches in row. For succession sow in open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart, transplant early in July, in rows 2½ feet apart and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To preserve the plants, sprinkle them with wood-ashes, air-slaked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew.

Boddington's Early of Earlies. 465. The earliest Cabbage of all. Tender and as sweet as asparagus in flavor; attractive. Leaves are pale green, close and compact, and the heads are very conical in shape. Pkt. 10 cts., ½ oz. 30 cts., oz. 50 cts. See illustration above.

All-Head Early. 466. A good keeper and shipper, of fine quality and certain to head, even in the most unfavorable seasons. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

All-the-Year-Round. 467. It is of medium size, deep green and compact habit, somewhat conical in shape with few outside leaves, very rapid in growth, therefore tender and crisp; flavor delicious. Pkt. 35 cts., 3 pkts. \$1.

All-Seasons. 468. Very popular as a second-early. The heads are large, solid and keep well in winter. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Charleston Wakefield. 469. Of the same type as the Jersey Wakefield. It grows about 50 per cent larger, and is ready to cut five days later. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Christmas Drumhead. 470. An excellent winter variety. Good, solid heads and an excellent keeper. Pkt. 5c., oz. 25c., ¼ lb. 75c.

Copenhagen Market. 471. It is undoubtedly without a rival as the finest, large, round-headed, early Cabbage in cultivation. The heads average about ten pounds each in weight, are very solid, with small core and of fine quality. The plant is short-stemmed, the heads being produced almost on the ground. The leaves are light green, rather small, saucer-shaped, and always tightly folded. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.50, lb. \$5.

Danish Ballhead Winter. 472. Round, solid, winter sort, largely grown in Denmark for the London market. A fine shipper. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Danish Roundhead. 473. A late variety, which matures earlier than the Danish Ballhead. The heads are round and have a short stalk, and for solidity this variety is ahead of all others. The interior leaves are pure white and of sweet flavor. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Early Spring. 474. Extra early; a round, flat head. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Enkhuizen Glory. 475. Large, early, white and very solid. A fine market sort. One of the best. Pkt. 5 cts., oz. 30 cts., ¼ lb. \$1, lb. \$3.

Express. 476. Very early; small, solid heads. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Filderkraut, or Pomeranian. 477. Highly esteemed for making kraut. Good either for first or second crop. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Fottler's Improved Brunswick. 478. An early Drumhead variety, producing solid heads. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Improved Extra-Early Jersey Wakefield. (Selected stock). 479. Standard early variety; conical in shape; medium-sized heads; very solid; few outside leaves. Pkt. 5c., oz. 30c., ¼ lb. \$1, lb. \$3.



Carrot, Boddington's Long Red Surrey

CABBAGE, continued

Improved Early Summer. 480. Best second-early. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Large Early York. 481. Solid and of good size. It endures the heat well; seldom fails to head. Pkt. 5c., oz. 30c., $\frac{1}{4}$ lb. \$1, lb. \$3.

Large Late American Drumhead. 482. One of the largest, most solid and best-keeping late varieties; good quality. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Newark Early Flat Dutch. 483. Large, solid heads; very popular among Long Island farmers. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Pearl. 484. A quite distinct variety, producing round heads of exceeding solidity. It is extremely dwarf. Adapted for use in private gardens. Pkt. 35 cts., 3 pkts. \$1.

Premium Flat Dutch. 485. A popular late variety; its keeping qualities are unsurpassed. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Succession. (Improved.) 486. One week later than Early Summer, but is double the size, handsome, large and a sure header. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Surehead. 487. This is a good strain of Late Flat Dutch, having great reliability for heading. The heads grow large, and are of good texture. It is also a good keeping variety. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Summer Ballhead. 488. Danish Summer Ballhead is equally as hard as the original type, Danish Roundhead, and its keeping qualities are not surpassed by any warm-weather Cabbage. It is to be regarded as a second-early sort, coming to maturity long in advance of the parent type. Its earliness will make it available for all summer. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Winnigstadt. 489. Large and solid; one of the best for general use. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

RED CABBAGE

Earliest Dwarf Blood-Red. 500. Quite a distinct, dwarf, compact, pickling Cabbage of tender quality, deep blood-red in color. When sown in the spring, it comes in with the early autumn Cabbages. Differs entirely from the ordinary Blood-Red. Pkt. 10 cts., oz. 50 cts.

Mammoth Rock Red. 501. Very large; one of the best heading Red Cabbages for pickling. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

Othello. 502. The largest, most productive and best-keeping dark red variety. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

SAVOY CABBAGE

American Drumhead Savoy. 513. Unsurpassed for winter use; heads large, solid, tender. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Early Dwarf Ulm Savoy. 514. Superior dwarf variety of fine quality. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Perfection Drumhead Savoy. 515. Largely grown on Long Island for the New York market. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

CARROT

Moÿre CAROTTE Zonahoria

Carrots, to grow to perfection, require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for main crop in June and July.

One ounce will sow 100 feet of drill; 3 to 4 pounds for one acre

Boddington's Harbinger. 526. (An extra-early variety.) Flesh beautiful, transparent red, sweet and delicate, and entirely free from core. Eminently suited for cultivation under glass, it is quite as early as the Parisian Forcing Carrot and much more productive. It may also be grown in the open. Pkt. 5 cts., oz. 25 cts.

Boddington's Long Red Surrey. 527. One of the finest for exhibition purposes. Our stock has been selected with the greatest possible care. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Carentan. 528. Extra early, half-long; coreless; red flesh. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Chantenay Half-Long Scarlet. 529. Stump-rooted variety; broad-shouldered. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Danvers Half-Long. 530. The most popular sort, both for market and family use. A handsome, cylindrical-shaped Carrot of good size and stump-rooted. It is of a rich, dark orange color, grows to large size, is smooth, and has little core. It is a first-class Carrot for all soils, yields a greater weight to the acre than any other variety, and is more easily harvested than the old long varieties. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Extra-Early Parisian Forcing. 531. Extra early; suitable for forcing or open ground. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Early French Forcing. 532. The earliest small and exceedingly mild-flavored. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Early Scarlet Horn. 533. Medium size; agreeably flavored. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Guerande, or Oxheart. 534. An immense cropper. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Half-Long Nantes. 535. Intermediate size. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Half-Long Stump-rooted. 536. Main crop; early and productive. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Long Orange, Improved. 537. For field crops and stock-feeding this is the best variety. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

New Intermediate, or St. Valery. (Improved.) 538. Very productive. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Sutton's Early Gem. 539. The roots generally attain from 4 to 5 inches in length, and about 3 inches in diameter. Pkt. 5 cts., oz. 25 cts.

White Belgian. 540. Grown for feeding horses and cattle. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.



Cauliflower, Boddington's Extra-Early Snowball

CAULIFLOWER

Blumenkohl CHOU FLEUR Coliflor

A good rich soil is essential for the successful cultivation of this delicious vegetable; our most experienced cultivators, however, acknowledge the advantage of a cool, moist season. Pursue the same general directions as recommended for growing cabbage, watering liberally during dry weather. An occasional application of liquid manure is beneficial.

One ounce will produce 3,000 plants

Boddington's Extra-Early Snowball. 551. The finest and earliest Cauliflower in cultivation. Grand for exhibition and table purposes. Pure white; firmest texture; cannot be too highly recommended. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.75.

Conqueror. 552. Almost as early as the best Erfurt, while the head it produces is considerably larger, nearly double in size and weight. The grain is remarkably close and fine and pure white in color. Pkt. 25 cts., oz. \$2.50.

Dry Weather. 553. This grand variety of Cauliflower is especially adapted for sections subject to long, dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.75.

Early Dwarf Erfurt. 554. A favorite early market variety, having compact heads of fine quality. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.75.

Early Snowball. 555. One of the earliest and most reliable sorts. Dwarf and compact form. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Improved Erfurt, Earliest Dwarf. 556. One of the earliest and most desirable varieties. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1, oz. \$3.50.

Large Algiers. 557. A late market variety, producing immense heads of excellent quality. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.75.

Lily-White. 558. It is undoubtedly the finest Cauliflower for all early work; its close, white heads, well protected by the foliage, always command the highest attention. The quality is excellent and lacks the coarseness of the sorts which have

CAULIFLOWER, continued

their heads exposed to the weather. Considerable attention and care have been given its selection for several years past, only carefully chosen heads being kept for seed, and we can confidently recommend it. Pkt. 25 cts., $\frac{1}{4}$ oz. 50 cts.

Sutton's Autumn Mammoth. 559. An excellent succession to Sutton's Early Giant. Heads large and of fine texture. The best results are obtained from spring sowing. Pkt. 15 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1.

Veitch's Autumn Giant. 560. Vigorous in growth, very large; late. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$2.

CELERY

Sellerie CELERI Apios

One ounce will produce 5,000 plants

Sow in the open border as soon in April as the ground can be worked. Transplant 4 inches apart, into temporary beds of soft, rich soil, where they will soon acquire sufficient strength for planting out in beds. Plant in rows 3 feet apart, and set 6 inches apart in the rows. About the middle of August earthing up is necessary for blanching and whitening those which are wanted for early use.

Boddington's Improved White Plume. 571. A valuable early variety; requires very little labor in blanching; one of the best for early use. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Boston Market. 572. Of dwarf branching habit, solid, crisp and fine flavor. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Crawford's Improved Half-Dwarf, or Gold Heart. 573. White variety; intermediate size; delicious nutty flavor. One of the best. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Fin de Siecle. 574. This is the largest, hardiest, solidest, crispest, best-keeping winter Celery. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Gansevoort Market Red. 575. Very select stock. Large and very solid. An excellent table variety. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

CELERY, continued

Giant Pascal. 576. Fine-keeping late sort. The stalks are thick, solid and crisp; golden yellow heart. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Golden Self-blanching. 577.

Requires earthing up more than the White Plume. Rich golden yellow; crisp, tender and of fine flavor; keeps well throughout the season; French-grown. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50.

New Rose. 578. Fine flavor; very handsome. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Perfection Heartwell. 579. Medium height, stalks long and thick; crisp, delicious flavor. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Pink Plume. 580. Stems very solid and crisp; extra early and a long keeper. It requires but a slight earthing up. Pkt. 5 cts., oz. 50 cts.

Sandringham Dwarf White. 581. The dwarfiest white variety; solid and crisp. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Schumacher. 582. Large, solid and crisp; a fine keeper. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Winter Queen. 583. Very large, solid, green, winter sort; blanches well. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Celery Seed. 584. For flavoring soups. Oz. 10 cts., lb. 75 cts.

CELERIAC, or TURNIP-ROOTED CELERY

A variety of celery, with turnip-shaped roots, which are white-fleshed, tender and possess the flavor of celery-stalks. Sow the seed in the open ground in April, and treat the young plants the same way as celery.

Apple. 595. Has small foliage and small, smooth roots; for soups. Celeriac may be stored like beets and will keep all winter. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Large Erfurt. 596. A standard variety, producing turnip-shaped roots. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Large Smooth Prague. 597. The finest variety yet introduced. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

CHERVIL

Bensfenlauch CERFEUIL Perifollo

One ounce will sow 150 feet of drill

The curled Chervil is cultivated like parsley and used for garnishing and flavoring soups and salads.

Curled. 608. The young leaves are used for flavoring. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts.

Tuberous-rooted. 609. Prepared for the table like carrots. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2

CHICORY

Brussels, Witloof, or French Endive 623

Chicorienwurzel CHICOREE Achicoria

The seed should be sown in the open ground not later than June, in drills 12 to 18 inches apart, thinning out the plants so that they will not stand closer than 3 inches. The plant forms long, parsnip-shaped roots, which should be lifted in the fall, cutting off the leaves about 1½ inches from the neck and shortening the roots by cutting off the bottoms to within 8 inches of the neck. The roots should then be planted in a trench 16 to 18 inches deep, in a dark, warm cellar or under a greenhouse bench, and placed upright about 1½ to 2 inches apart, which will allow the neck of the root to come within 9 inches of the level of the trench. The trench should be filled with a light soil, and, if a quicker growth is desired, this can be accom-



Celery, Golden Self-blanching

CHICORY, continued

plished by a mulch of fresh manure about 2 feet deep. It requires about one month to force the roots, and the heads are cut off with a small portion of the neck of the root attached. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Common, or Wild (Barbe de Capucin). 620. This is the variety from which is obtained the French salad, *Barbe de Capucin*. The roots should be transplanted into sand in a warm cellar. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Large-rooted Magdeburg. 621. Cultivated for the roots. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Venetian Striped (Orchid Salad). 622. The leaves when blanched are striped red, rose and yellow, making an attractive novelty in salads. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

For French Chicory, or Endive, see page 17.

COLLARDS, or COLEWORT

Blatterfohl CHOU COBA Cabu

One ounce will produce 3,000 plants

Sow seed as for cabbage, in June, July and August for succession. Transplant when a month old in rows a foot apart each way and hoe often.

Creole, or Southern. 633. Cabbage greens, used as a substitute for cabbage in the South. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

True Georgia. 634. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

CORN SALAD, or FETTICUS

Stechsalat MACHE Macha o Valerianilla

One ounce will sow 150 feet of drill

Sow during August or early in September, in drills $\frac{1}{4}$ inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Just before the winter, cover thinly with straw or leaves.

Large-seeded. 645. The most popular variety grown. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

CRESS (Pepper Grass)

Kresse CRESSON Berro o Mastuerzo

One ounce will sow 150 feet of drill

Sow thickly in shallow drills, early in the spring and at intervals throughout the season for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

Extra Triple Curled. 656. The best variety; leaves beautifully cut and curled; highly prized for garnishing. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.

Upland, or American. 657. Crisp, tender, perfectly hardy; easily raised in any garden, and has the peculiar spicy flavor of water cress. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

WATER CRESS

This wholesome salad may be grown in any moist situation, but more successfully by the edge of a running brook. Sow in May, on the ground where it is intended to be grown and the thinnings transplanted.

True Sweet Water Cress. (Erfurt.) 658. The best sort. Pkt. 10 cts., oz. 50 cts.

CORN, SWEET or SUGAR

Zuckermâis MAIS Maiz

One quart will plant 200 hills;
8 to 10 quarts to an acre, in hills

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra-early varieties can be planted 18 inches in the row and 2½ feet between the rows. In elevated and mountainous districts we would recommend the Early and Second Early sorts only, and plantings to be made not later than June twentieth to July first.

Black Mexican. 669. Very sweet and of superior flavor; grains black. Pt. 20 cts., qt. 30 cts., ½pk. \$1, pk. \$1.75.

Country Gentleman. 670. Very sweet Corn; large ears; one of the best for main crop. Pt. 20 cts., qt. 30 cts., ½pk. \$1, pk. \$1.75.

Crosby. 671. Matures after Minnesota; fair-sized ears of good quality. Pt. 15 cts., qt. 25 cts., ½pk. 75 cts., pk. \$1.25.

Dreer's Aristocrat. 672. A very delicious Sweet Corn; extra early; ears very large. Pt. 20 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

Earliest Catawba. 673.

Very nearly approaches Golden Bantam in its dwarf growth and extreme earliness, but differs from it in color and flavor. When ready for the table the grains are white, though sometimes suffused with rose-pink, but the dry seed is a dark purple, shaded rose; very much like the color of the Catawba grape, which gave it its name. Pt. 25 cts., qt. 45 cts., ½pk. \$1.75, pk. \$3.15.

Early Champion. 674. Very large ears, considering its earliness. Pt. 20 cts., qt. 30 cts., ½pk. 85 cts., pk. \$1.50.

Early Cory. 675. A very early variety, with good-sized ears. Pt. 15 cts., qt. 25 cts., ½pk. 75 cts., pk. \$1.25.

Early Evergreen. 676. Two weeks earlier than Stowell's Evergreen. Pt. 15 cts., qt. 25 cts., ½pk. 75 cts., pk. \$1.25.

First of All. 677. It matures from 3 days to a week earlier than the Cory. The plant is so dwarf that we recommend sowing seed thinly in drills. Pt. 15 cts., qt. 25 cts., ½pk. 80c., pk. \$1.50.

Golden Bantam. 678. Is a rapid grower, and produces ears measuring about 5 inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. Pt. 20 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.

Hickox Improved. 679. Handsome ears, very white and of rich flavor. Pt. 20 cts., qt. 30 cts., ½pk. 85 cts., pk. \$1.50.

Holmes' Delicious

Sweet. 680. Distinct variety, ready for gathering five to six weeks from date of planting. It is an extra-early variety and is highly recommended. Pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.75.

Howling Mob. 681. Is ready for use only three to five days later than the extra-early Cory when both are planted at the same time, but the ears are so much larger in size, while the grains are much whiter and sweeter. Pt. 20 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.

Kendel's Early Giant. 682. Ears average 7 inches in length; thick through; grains of rich, sugary flavor. Pt. 15 cts., qt. 25 cts., ½pk. 85 cts., pk. \$1.50.

Late Mammoth. 683. Rank in growth; large ears, rich and sweet. Pt. 15 cts., qt. 30 cts., ½pk. \$1, pk. \$1.75.

Livingston's Early Sugar. 684. On hills with three or more plants, we counted from five to seven ears of faultless shape, well-filled to tip. Ears are set well up the stalk, from 20 to 30 inches above the base of plant. Pt. 25 cts., qt. 45 cts., ½pk. \$1.50, pk. \$2.75.

Malakoff. 685. Planted May 22, ears are ready by July 4. The kernels vary from white to pale amber. The stalks grow 3 feet high and usually bear two or more small ears; very sweet. Pt. 20 cts., qt. 35 cts., ½pk. \$1.25, pk. \$2.

Metropolitan. 686. Large, handsome ears of fine quality; very early. Pt. 20 cts., qt. 30 cts., ½pk. \$1, pk. \$1.75.

Minnesota. 687. Nearly as early as Early Cory; white cob. Pt. 15 cts., qt. 25 cts., ½pk. 85 cts., pk. \$1.50.

Morse's Golden Cream.

688. A very early yellow Country Gentleman Sweet Corn. The kernels are long and pointed, the cob is very slender, and the whole ear about as long as Golden Bantam. It is among our earliest varieties, and the color at eating stage is a rich cream, cooking to a light golden yellow. Pt. 30 cts., qt. 50 cts.

Peep-o'-Day. 689. The stalks grow about 3½ feet high, are unusually prolific, producing from two to five ears each. Pt. 20 cts., qt. 30 cts., ½pk. \$1, pk. \$1.75.

Perry Hybrid. 690. Very early and of large size; most valuable for market. Pt. 20 cts., qt. 30 cts., ½pk. \$1, pk. \$1.75.

Potter's Excelsior, or

Squantum. 691. A second-early variety; ears large and sweet. Pt. 15 cts., qt. 25 cts., ½pk. 85 cts., pk. \$1.50.

Seymour's Sweet-

Orange. 692. A most desirable second-early or midseason variety, growing vigorously from 6 to 7 feet in height, and producing an average of two good ears to a stalk. It is fully equal in surpassingly delicious flavor to our famous Golden Bantam. Pt. 20 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

Stowell's Evergreen.

693. (Selected stock.) One of the most popular varieties. Pt. 20 cts., qt. 30 cts., ½pk. \$1, pk. \$1.75.

White Cory. 694. Resembles the ordinary Cory, but with white cob. Pt. 15 cts., qt. 25 cts., ½pk. 85 cts., pk. \$1.50.

White Evergreen. 695.

Two, and even three, fine ears are frequently produced on each stalk.

Pt. 15 cts., qt. 25 cts., ½pk. 85c., pk. \$1.50.

Zig-Zag Evergreen. 696. About 10 days earlier than Stowell's Evergreen. Color pure white; very sweet. Pt. 15 cts., qt. 30 cts., ½pk. \$1.10, pk. \$2.

Sweet Fodder Corn. 697. For soiling and green fodder. Pt. 10 cts., qt. 20 cts., ½pk. 40 cts., pk. 75 cts., bus. \$2.75.

POP CORN

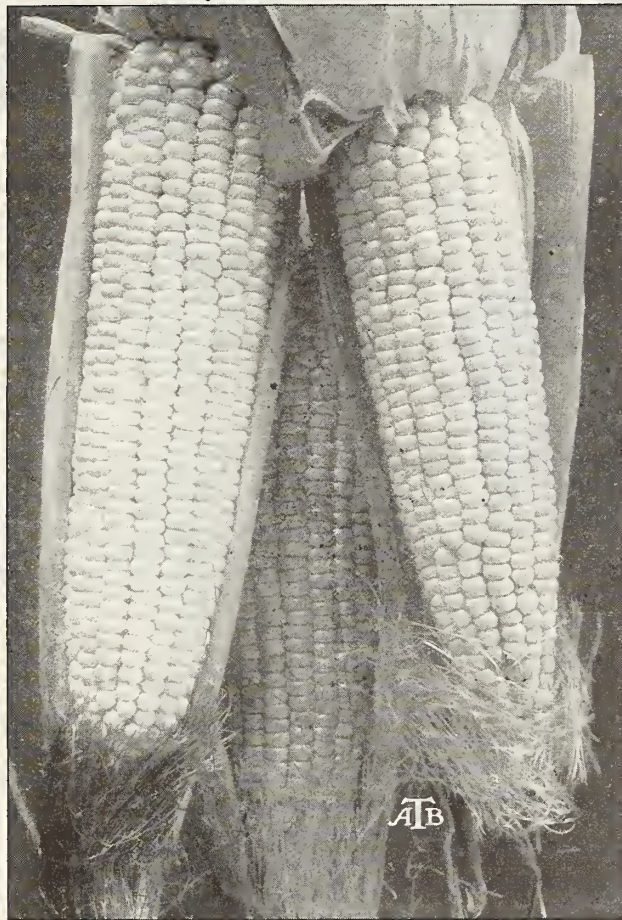
Queen's Golden. 707. Lb. 30 cts., 10 lbs. \$2.50.

White Pearl. 708. Lb. 30 cts., 10 lbs. \$2.50.

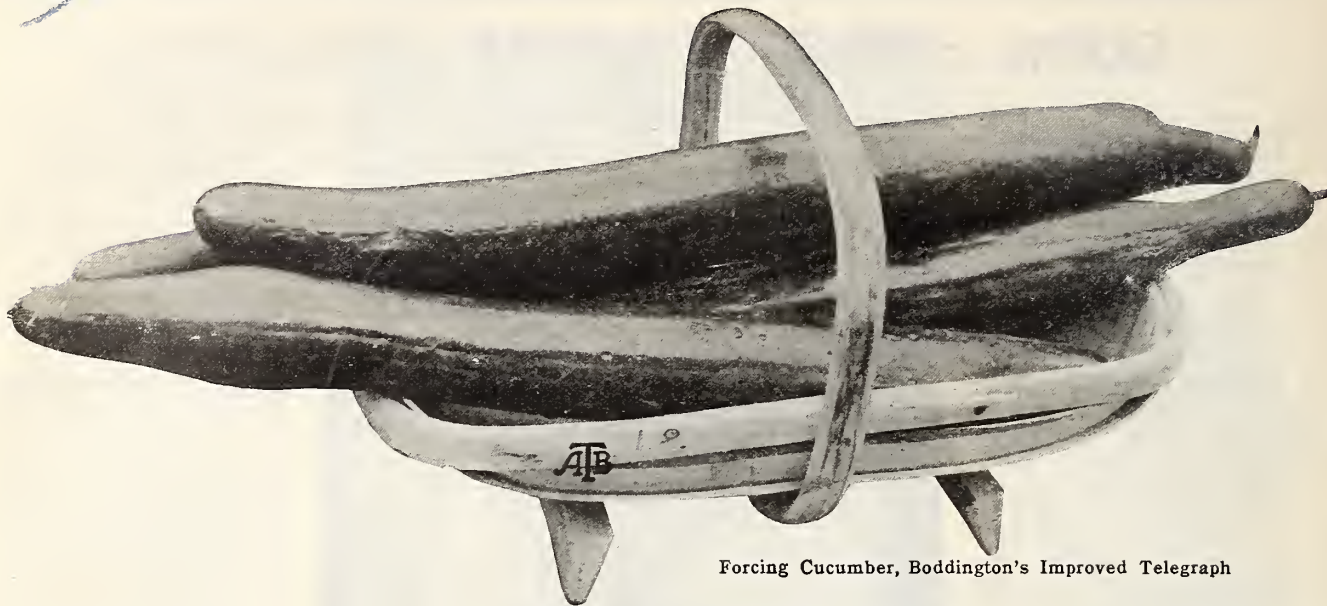
White Rice. 709. Lb. 30 cts., 10 lbs. \$2.50.

FIELD CORN

For the leading and best varieties, see page 29.



Golden Bantam Corn



Forcing Cucumber, Boddington's Improved Telegraph

CUCUMBER

Gurten CONCOMBRE Pepino

One ounce will plant 50 hills; 2 pounds will plant one acre

Sow in the open ground as soon as the weather is settled and warm, and again every two weeks for a succession. For pickles, sow from the middle of June to the first week in July. Sod land, turned over in the fall, is the best for them. Plant in hills 4 feet apart, putting a shovelful of well-rotted manure in each hill.

AMERICAN or OUTDOOR VARIETIES

Boddington's Selected White Spine Improved.

720. A very handsome and uniform early variety. It is very productive, crisp and of fine flavor. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Cool and Crisp. 721. Extra early and very prolific; long, straight, slender and very dark green; good either for pickling or slicing. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Cumberland. 722. The best pickling sort yet introduced; very handsome and productive; flesh firm but crisp and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Davis Perfect. 723. The color, shape and flavor equally recommend it, and as a Cucumber for outside growing it is one of the most prolific. The fruit is straight and free from "bulge" and often measures 12 inches. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Early Green Cluster. 724. Fruit small and in clusters; very prolific. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Everbearing. 725. Small-sized; very early and enormously productive and valuable pickler. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Farquhar's Perfection Forcing. 726. Robust and quick in growth; smooth, uniform and extra long. Pkt. 15 cts., $\frac{1}{4}$ oz. 35 cts., oz. \$1, $\frac{1}{4}$ lb. \$3.

Fordhook Famous. 727. Smooth and very dark green; the handsome fruits measure 12 to 18 inches long. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Green Prolific Pickling. 728. One of the best for pickling; dark green. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Improved Long Green. 729. Long and crisp; popular for pickles. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Japan Climbing. 730. Good for frames or open ground. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$3.

Livingston's Evergreen. 731. Very early and prolific; deep green color. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Nichols' Medium Green. 732. Most symmetrical, and a very fine table sort. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Rawson's White Spine. 733. Fruit very even in size and regular in form; color dark green, with white or light spines running from blossom end. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Tailby Hybrid. 734. Very long, and superior for table use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

West India Gherkin. 735. Used for pickling only. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$2.

White Spine, Arlington. 736. A fine strain of the Improved White Spine. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$2.

White Spine, Extra-Long. 737. A beautiful, large and well-shaped Cucumber. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

ENGLISH CUCUMBERS

For Frames or Forcing Under Glass

Boddington's Improved Telegraph. 748. Rich, dark green. The finest type of Telegraph Cucumber in cultivation, quick in growth, handsome, with very small neck; unusually prolific. Has taken numerous first prizes at leading exhibitions. Pkts. 25 cts. and 50 cts.

Duke of Edinburgh. 749. Very large and long; dull green; quite smooth. Pkt. 25 cts.

Lockie's Perfection. 750. Fine color. Pkt. 25 cts.

Lord Kenyon's Favorite. 751. Pkt. 25 cts.

Sutton's Delicacy. 752. Fruit dark green, slightly ribbed, with an almost invisible white spine; handle unusually small. The usual length is about 18 inches. Constitution robust; habit extremely prolific. Pkts. 60 cts. and \$1.

Sutton's Every Day. 753. The plant sets freely at all seasons of the year, hence the name. Fruit of good length, deep green in color, almost smooth, and of first-rate flavor. Pkts. 50 cts. and 75 cts.

Sutton's King George. 754. This new variety is the result of a highly successful cross between Matchless and Telegraph, combining the fine quality of the former with the prolific habit of the latter. We have every confidence that this variety will become an immediate favorite with our customers. Pkts. 50 cts. and 75 cts.

Sutton's Matchless. 755. One of the most prolific varieties. Fruit smooth, dark in color, excellent in form, of the highest quality, and has proved a success on the exhibition stage. Pkts. 60 cts. and \$1.

Tender and True. 756. Fine form; good color. Pkt. 25 cts.

DANDELION

Pardebflum

PISSENLIT

Amargon

Blanched leaves of this plant make a most delicately flavored and wholesome salad. The quality is improved very much by blanching, which can be easily done by covering over the plants with boards.

One ounce will sow 100 feet of drill

French (Common). 767. Pkt. 5 cts., oz. 35 cts., ¼ lb. \$1.25, lb. \$4.

Improved Large Thick-leaved. 768. A thick-leaved variety of great productiveness and fine flavor. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.50.

EGGPLANT

Eierpflanze

AUBERGINE

Berengena

Sow in hotbeds the first week in April; protect the young plants from cold at night. Plant out June 1, 2½ feet apart. If no hotbed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in flower-pots or boxes in the house.

One ounce will produce 1,000 plants

Black Pekin. 779. Jet-black fruit of superior quality. Pkt. 5 cts., oz. 35 cts., ¼ lb. \$1.

Early Black Beauty. 780. This beautiful Eggplant is a great improvement over the well-known and largely grown New York Improved Large Purple. The plants are remarkably healthy in their growth, and produce an abundance of large fruits fully ten days earlier than the New York Improved. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.50.

Early Long Purple. 781. Early, hardy and productive. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

New York Spineless. 782. A vastly superior type; the plants are of low, stocky, branching habit and absolutely free from spines. It is a very early and continuous producer of handsome purple fruits of the largest size and finest quality; the plants usually bear eight to ten immense fruits before being killed by frost. Such fruits as are large enough may be picked and stored in a warm, dry place at the approach of frosty nights, and they will keep in good condition for some time. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.50.

New York Improved Purple. 783. Large size; very prolific. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.25.

ENDIVE, or CHICORY

Endivie

CHICOREE

Endivia o Escarola

One ounce will sow 200 feet of drill

Broad-leaved Batavian Escarolle. 794. This variety is chiefly used in soups and stews; requires to be tied up for blanching. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.

Green Curled. 795. The hardiest variety grown; beautifully curled, tender and crisp. Pkt. 5c., oz. 15c., ¼ lb. 40 cts., lb. \$1.25.

Lettuce-Leaved. (Green.) 796.

A large-leaved plant of grayish green color, growing to a very large size, attaining easily 16 inches across. The leaves are spoon-shaped and form a well-filled, very tender rosette. A very productive variety, well suited for garden purposes and less liable to rot than any other Batavian Endive. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1.

Moss-Curled. 797. More finely curled, heavier and more dense plant than Green Curled. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.

Moss-Curled Silverheart. 798. Distinct new variety with finely laciniated, moss-curled leaves of a light yellow color, turning almost to white. Stalk and ribs are nearly white. Strongly recommended. Pkt. 25 cts., 5 pkts. \$1.

White Curled. 799. Very tender when cut young; blanches readily. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.

KALE

See Borecole, page 10.

KOHLRABI

Kohlrabi

CHOU-RAVE

Colinabo

Combines the virtues of the turnip and cabbage, but excels both in nutritive, hardy and productive qualities. The seed may be sown in June, in rows 18 inches apart, and the plants thinned out to 8 or 10 inches.

One ounce will sow 200 feet of drill

Early Short-leaved Purple Vienna. 810. Similar to the preceding, except in color, which is of a bluish purple. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75c., lb. \$2.50.

Early Short-leaved White Vienna. 811. The earliest and best table variety. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Early White Delicious. 812. The finest variety for frames and early work—does not get tough and woody. Highly recommended for all purposes. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.



Kohlrabi
Early
White
Delicious

LEEK

Lauch

POTREAU

Puerro

Sow early in April, in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September; plants transplanted in the spring.

One ounce will sow 100 feet of drill

Boddington's Prizetaker Leek. 823.

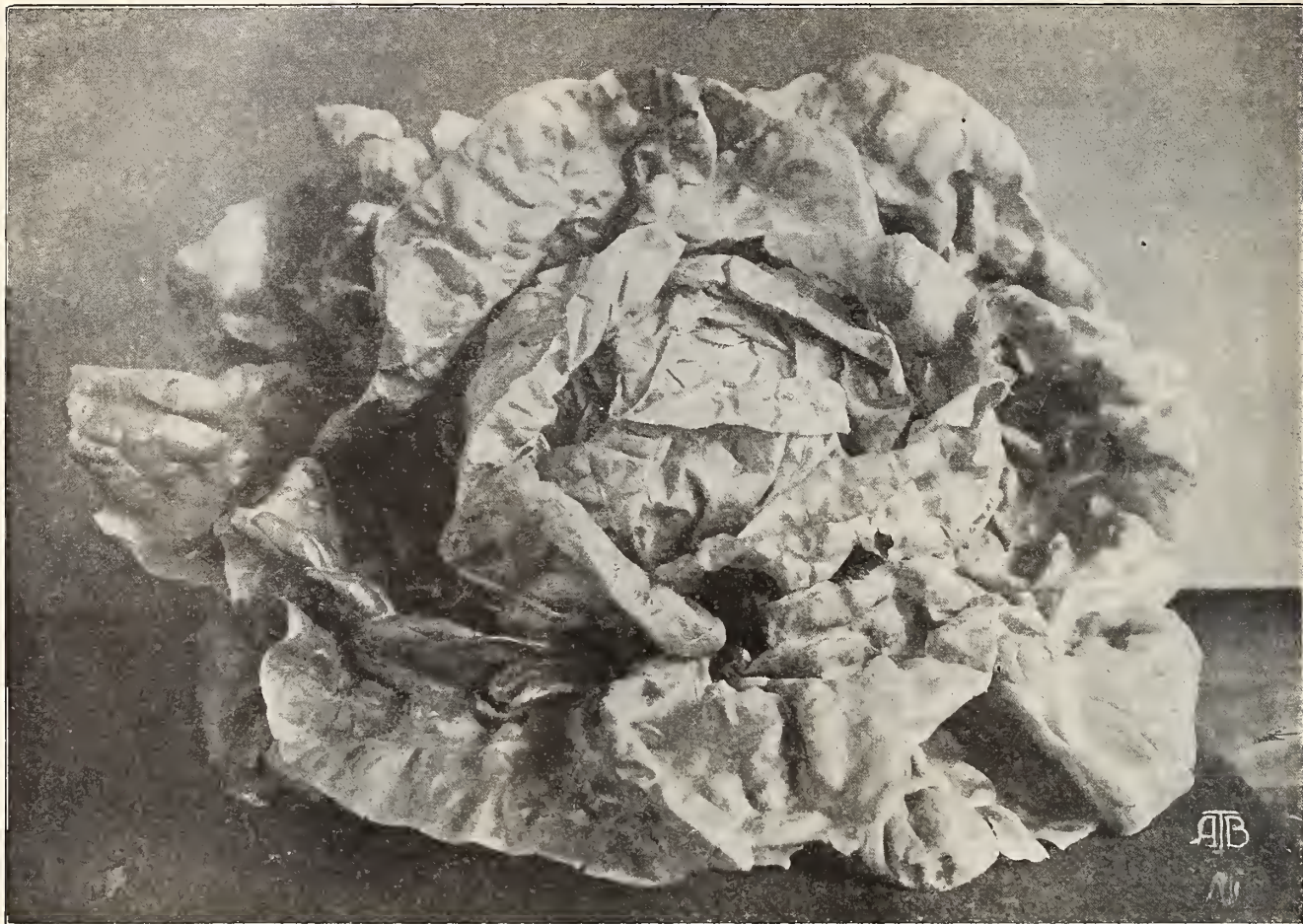
The long, thick, pure white stems have a most attractive appearance, and to the merit of immense size may be added the advantage of a mild, agreeable flavor. Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.75.

Leek, Boddington's Prizetaker

Giant Carentan. 824. Produces a large, thick stem and of mild flavor. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts.

Large American Flag. 825. The most desirable for market or family use. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

Musselburgh. 826. A very large variety of superior quality. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.



May King Cabbage Lettuce (see page 19)

LETTUCE

Lattich, oder Garten Salat

LAITUE

Lechuga

Sow the seed in hotbeds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowings may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as cut salad, sow the seed thickly in rows or broadcast.

One ounce will produce about 3,000 plants

CABBAGE LETTUCE

Boddington's Early Coldframe. 837. This is a quick-forming Lettuce. It is a palish green and makes a nice compact heart, with very soft delicate silky leaves. It should be cut as soon as the heart has formed, and it will be found that the outer leaves are as tender and soft as the inner ones, and thus there is no waste. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50.

All Seasons. 838. Seed planted in the open ground in April makes fine heads by July. The closely folded, large, solid heads measure 8 inches across. The outer leaves are a bright soft green; the finely blanched inner leaves are a rich golden yellow, tender and mild in flavor. The heads are broad and nearly flat at the top; they continue to increase in size for about two weeks after they are ready for use. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

All-the-Year-Round. 839. Hardy, compact variety, white, solid and crisp; for summer and forcing this variety is unsurpassed. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Big Boston. 840. Same in color, shape and general appearance as the Boston Market, but double the size. One week later in maturing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Boston Market. 841. Solid, crisp and compact; one of the best for forcing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Burpee's Earliest Wayahead. 842. Not only earlier than May King, Nansen and other choice extra-early varieties, but the heads are also larger in size and more tightly folded. Earliest Wayahead stands a long time before running to seed. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

California Cream Butter. 843. A splendid variety for summer. It produces a very large and white head. It will stand extreme heat and is slow to go to seed. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Continuity. 844. The longest standing of all; fine heading sort. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Denver Market. 845. Large, solid, light green, beautifully curled like a Savoy cabbage; very crisp and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Early Butter Salad. (Black-seeded.) 846. Tender and crisp; of delicate flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Early Curled Simpson. 847. One of the earliest and best for market. An excellent variety for forcing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Giant Crystal Head. 848. A splendid new cabbage Lettuce, very large, solid; outside leaves bright green, inside crystal-white with yellow heart; fine flavor; crisp and tender. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

LETTUCE, continued

Golden Queen. 850. A small early variety, golden yellow color; crisp, tender and juicy. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50

Grand Rapids Forcing. 851. Regarded in the West as the best forcing and shipping variety. Large size, crisp and tender, and will keep from wilting, after cutting, longer than any other sort. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.50.

Hanson Improved. 852. Large; hearts quickly and stands the summer well; quality excellent. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.50.

Hartford Bronze-Head. 853. Forms large, compact heads of a beautiful, dark bronze-red color, shading to a dark green toward the root. Cut in halves, the heart is a rich cream-yellow. Its tenderness and delicacy of texture make it unfit for market purposes, as it will not bear much handling, but its mild, sweet flavor and icy crispness make it a favorite with all lovers of good Lettuce. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Hittinger's Belmont. 854. A superior forcing variety of white-seeded Lettuce. Large heads and fine quality. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Iceberg. 855. Large, solid heads; very handsome, tender and crisp. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Immensity. 856. A very large, general-crop variety; good, solid heart; crisp and tender. This variety is rapidly coming to the front. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Mammoth Black-seeded Butter. 857. A large head Lettuce of splendid quality; lighter in color than the Big Boston. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

May King. 858. This grand Lettuce is of great value, owing to its rapid development, fine, tender quality and size, growing on an average about three-fourths of a pound. The color is a light green with yellow heart. Suitable either for growing under glass or in the open ground. Quite hardy; a splendid early variety. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.75.

Mignonette. 859. Heads small, compact; leaves slightly curled; edges tinted brown; splendid quality. Pkt. 5c., oz. 15c. lb. \$1.50.

New York Giant. 860. Bleaches naturally; crisp, tender; always free from bitterness. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50

Salamander. 861. Excellent summer variety; large heads that stand the drought and heat without injury. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Silver Ball. 862. Very firm, solid, compact heads of a beautiful silvery white color. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Simpson. (Black-seeded.) 863. Nearly double the size of the ordinary Curled Simpson; stands the summer well. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Tennisball, Black-seeded. 864. Forms close, hard heads. Excellent for forcing. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Tennisball, White-seeded. 865. Forms compact head, few outer leaves. Fine for forcing. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

White Summer Cabbage, or Deacon. 866. Summer variety; heads of good size; close and well formed. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

ROMAINE, or COS LETTUCE

Boddington's Self-folding Cos. 877. The largest Cos Lettuce, self-folding and stands hot weather; heart beautiful clear white. A grand exhibition variety. Pkt. 5 cts., oz. 30 cts., $\frac{1}{4}$ lb. \$1.

Eclipse Cos. 878. The earliest and dwarfiest Cos Lettuce. A perfectly distinct variety. It is the dwarfiest Cos Lettuce, and produces a firm, crisp heart quicker than other sorts. Moreover, it is the most self-folding variety. In color it resembles the Paris White, but is somewhat greener. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Express Cos. 879. Dwarf, compact sort, requiring no tying up. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Paris White Cos. 880. One of the finest varieties for summer use. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Trianon Cos. 881. Long, narrow leaves, which form solid heads. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



Boddington's Quality Pure-Culture Mushrooms

891 Boddington's Quality Pure-Culture Mushroom Spawn

Champignonbrut

BLANC DE CHAMPIGNON

Seta

PRODUCES MUSHROOMS IN FOUR WEEKS SUPERIOR AS TO QUALITY AND SIZE, AND MORE SURELY THAN ANY OTHER SPAWN

Price of Boddington's Pure-Culture Mushroom Spawn, per brick 35 cts., 5 bricks \$1.75, 10 bricks \$3, 25 bricks

\$6.25, 50 bricks \$12, 100 bricks \$20. CULTURAL DIRECTIONS FREE—IF REQUIRED

892 ENGLISH MILLTRACK MUSHROOM SPAWN

Fresh from the most celebrated maker in England. Made in bricks. 10 lbs. will spawn 10 ft. square. 25c. per brick, \$1 for 8 lbs., \$10 per 100 lbs.

"How to Grow Mushrooms" (Falconer) \$1 postpaid

MELON, MUSK

Zuckermelone

MELON MUSQUE

Melon

Cultivate in hills, which should be 5 to 6 feet apart each way, and composed of light, moderately rich soil. Plant in May, ten seeds to the hill, and when the plants are well up, thin out to three. Pinch the ends of the growing shoots to induce early fruiting.

One ounce will sow 50 hills

Boddington's Selected Emerald Gem. 903. Medium size; skin smooth, deep emerald-green; flesh salmon-color, delicious flavor. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Burrell's Gem. 904. Color of flesh, beautiful dark salmon or orange. Skin is rather dark green, and rind thin, leaving a thick lining of flesh which is of most delicious, juicy flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

Delmonico. 905. Oval-shaped, large size, finely netted; orange-pink flesh. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Fordhook. 906. The flesh is thick, color deep salmon, and surpassingly luscious in flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Hackensack. 907. Is of superior quality. Early. Flesh light green and of delicious flavor. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Jenny Lind. 909. A popular sort; fruit small, medium early. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Long Island Beauty. 910. The flesh is green, finest quality; skin is densely netted. The earliest of all the standard varieties. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Miller's Cream. 911. Flesh rich salmon-color, very thick, sweet; rind thin and finely netted. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50.

Montreal Nutmeg. 912. True Montreal type. The largest Muskmelon in cultivation; a great favorite; flesh green. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.50.

Paul Rose. 913. Salmon-fleshed; color a beautiful netted gray; delicious; a splendid shipper and good keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Rocky Ford. 914. Oval, slightly ribbed, densely covered with coarse netting; flesh thick, green, very sweet and high-flavored. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.

ENGLISH MUSKMELONS

For Frames or Forcing Under Glass

Blenheim Orange. 925. Scarlet flesh. Pkt. 50 cts.

Hero of Lockinge. 926. White flesh. Pkt. 50 cts.

Invincible Scarlet. 927. Scarlet flesh. Pkt. 50 cts.

King George. 928. A scarlet-fleshed melon. The skin is green and beautifully netted; the flesh deep and of a rich scarlet-orange. Pkt. 50 cts.

Sutton's A1. 929. Originator's stock. Pkt. 75 cts.

Sutton's Emerald Gem. 930. Flesh unusually thick, of a rich, green color, superb in flavor. Pkt. 75 cts.

Sutton's Perfection. 931. A valuable melon; flesh green. Pkt. 60 cts.

Sutton's Ringleader. 932. Fruit above average size, oval in form, with a yellow skin which is beautifully netted; flesh pale green; delicious flavor. Pkt. 50 cts.

Sutton's Royal Jubilee. 933. A splendid, oval, green-fleshed melon. Skin almost white, handsomely netted. Pkt. 75 cts.

Sutton's Scarlet. 934. Form globular, with a rich golden skin, beautifully netted; flesh of exceptional depth, rich in color and of exquisite flavor. Pkt. 75 cts.

Sutton's Superlative. 935. Flesh scarlet, merging into a beautiful green tint near the skin, and so thick that the fruit is practically without a cavity. Occasionally a green-fleshed fruit of the same high quality is found. Pkt. 75 cts.

Sutton's Universal. 936. Fruits large, with an attractive yellow skin, boldly netted. Flesh exceptionally deep, melting, and most excellent in flavor. Pkt. 75 cts.

The Manchester. 937. Green skin; scarlet flesh. Pkt. 50 cts.

Veitch's Eminence. 938. Award of Merit from the Royal Horticultural Society. White flesh; of medium size; splendid flavor. Pkt. 50 cts.

MELON, WATER

Wassermelone

MELON D'EAU

Zandia

Cultivated in hills, which should be 6 to 8 feet apart each way. Plant in May, ten seeds to a hill, and when the plants are well up, thin out to three. Pinch the ends of the growing shoots to induce early fruiting. They prefer a light, rich soil.

One ounce will plant 40 hills

Black Spanish. 949. Sweet and delicious variety; fruit round, large size; skin blackish green; scarlet flesh. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Citron. 950. (Red-seeded.) For preserving. Handsome round fruit of small size, highly esteemed as a table preserve. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Cole's Early. 951. The beautiful, bright red flesh is crisp and of delicate texture—granulated, cool and sparkling. In flavor, it is lusciously sweet and refreshing. The melons are not large, seldom over 12 inches in length by 9 inches in diameter, but what they lack in size is more than made up in number and solidity. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Cuban Queen. 952. Striped dark and light green; vigorous in growth; flesh bright red, solid, luscious, crisp and sugary. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Kleckley Sweets. 953. Exceedingly sweet and fine-flavored; dark green skin, thin rind; flesh solid, scarlet and firm. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Gipsy, or Rattlesnake. 954. Large, striped, oblong shaped; flesh scarlet and of superior quality. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Ice-Cream. (White-seeded.) 955. Fruit round, of medium size; skin pale green; flesh scarlet, crisp and delicious. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Kolb's Gem. 956. Round; rind dark green, somewhat marbled with lighter shades. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 75 cts.

Mammoth Ironclad. 957. Large size; flesh deep red, delicious rich flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Mountain Sweet. 958. The most popular variety; flesh red, firm and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

New Seminole. 959. Extra early; enormously productive; large; splendid flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Pride of Georgia. 960. Dark green; oval shape. Excellent shipping variety; large size; flesh crisp and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Sweetheart. 961. Vigorous and productive, ripening early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Flesh bright red, solid and very tender, melting and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

The Boss. 962. Oblong; skin dark green; flesh deep scarlet, rich flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

The Dixie. 963. Excellent quality, extremely sweet, juicy and tender. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

MUSTARD

Senf

MOUTARDE

Mostaza

Green Mustard imparts a delightfully pungent flavor to various forms of prepared salads. Sow at frequent intervals through the spring, in drills from 8 to 12 inches apart.

White London. 969. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 40 cts.

OKRA, or GUMBO

Okra, oder Gombo

GOMBAUD

Quimbombo

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart, in drills.

One ounce will plant 100 hills

Improved Dwarf Green. 975. Very early; smooth pods. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Long Green. 976. Long ribbed pods; very productive. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

Perkins' Perfected Long-Pod. 977. An excellent variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

White Velvet. 978. Smooth pods; round. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

ONIONS

One ounce for 100 feet of drill
5 to 6 pounds for one acre

Zwiebel
OIGNON
Cebolla

The ground should be prepared the previous autumn by spading deeply, using plenty of well-rotted barnyard manure. Sow the seed as early in spring as practicable, in shallow drills 1 foot apart, covering with fine soil, which should be pressed down by the use of a light roller or the back of a spade. When the young plants are strong enough, thin out to 4 inches apart.

Boddington's

Bountiful. 989. A remarkable Onion for size, quality and productiveness. In style it is really an improved and selected type of the Onion Ailsa Craig. Specimens have been exhibited weighing 2½ lbs. Unlike many Onions of large size at maturity, it is solid to the core, and for flavor and delicacy it is not equaled in the long list of Onions. To produce extra-large Onions sow early in January. Pkt. 10 cts., ¼ oz. 30 cts., ½ oz. 50 cts., oz. 85 cts., ¼ lb. \$3.

Ailsa Craig. 990. Remarkable for perfection of form, size and weight; pale yellow in color. In competition with other varieties, Ailsa Craig has won a series of important prizes absolutely without a parallel. Sutton's stock, in original sealed packets, pkt. 75 cts. Original stock, pkt. 10 cts., ¼ oz. 30 cts., oz. 85 cts., ¼ lb. \$3.

Adriatic White Barletta. 991. Small, pure white variety; delicate, silver skin, flesh firm and mild in flavor. Its great merit is its extreme earliness. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Extra-Early Flat Red. 992. Fully ten days earlier than the Large Red Wethersfield; of mild flavor, and a good keeper. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75.

Gigantic Gibraltar. 993. This enormous Onion is possessed of many sterling qualities. It grows larger than Ailsa Craig and is a great exhibition variety. It is of handsome, globular shape, light straw-color, and uniform in size. The flavor is agreeably mild and, if stored in a well-ventilated, dry place, will keep for months. Very scarce. (See illustration on this page.) Pkt. 50 cts., 3 pkts. for \$1.25

Giant Rocca. 994. Exceedingly mild flavor; large; globular shape and light brown skin. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75.

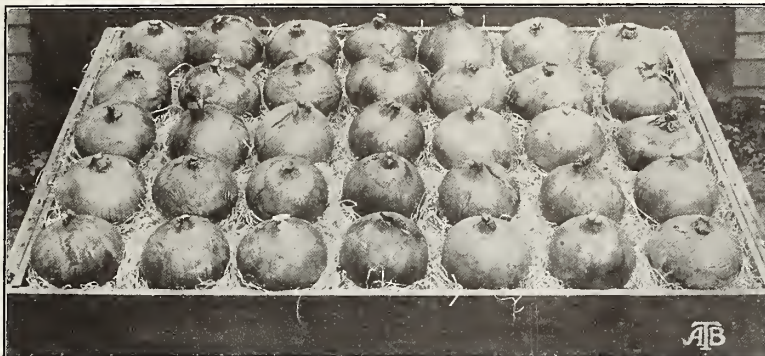
Large Red Italian Tripoli. 995. Of immense size and delicate flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

Large Red Wethersfield. 996. Grows to a large size; very productive and an excellent keeper. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75.

Large White Italian Tripoli. 997. Of quick growth and mild flavor. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

Mammoth Red Garbanus. 998. This fine Italian variety has produced Onions weighing four to five pounds each. The skin is of a delicate red, flesh close-grained, nearly white, and of a very mild flavor. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Mammoth Silver King, or Giant White Garbanus. 999. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.



35 Gigantic Gibraltar Onions, weight, 122 lbs.; average, 3½ lbs. each. Grown by Mr. Edwin Jenkins, superintendent to Giraud Foster, Esq., Bellefontaine Gardens, Lenox, Mass.

Silver Bell. 1003. This is a remarkably quick-growing Onion, specially adapted for early work or forcing, and can be "pulled" six weeks after sowing, or can be used for pickling, making solid bulbs of excellent quality. Pkt. 10 cts., oz. 40 cts.

Southport Red Globe. 1004. Large, handsome, globular; very productive, fine quality. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

Southport White Globe. 1005. Handsome, globular Onion of mild flavor; good keeper. Pkt. 10 cts., oz. 35 cts., ¼ lb. \$1, lb. \$3.50.

The Queen, or Silverskin. 1006. A silver-skinned variety; rapid growth, mild flavor and fine keeping qualities. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

White Bermuda. 1007. Pkt. 5 cts., oz. 35 cts., ¼ lb. \$1, lb. \$3.50.

White Portugal. 1008. Mild-flavored; grown extensively for pickling. Pkt. 5 cts., oz. 20 cts., ¼ lb. 50 cts., lb. \$1.75.

Wroxton Improved. 1009. Good keeper; one of the finest globe-shaped varieties for exhibition purposes. Pkt. 10 cts., ¼ oz. 20 cts., oz. 60 cts.

Yellow Danvers. 1010. Early, of mild flavor and keeps well. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

Milan Giant

Brown. 1000. The bulbs are of a bright chestnut-brown, have a characteristic top-like form, and are equally suitable for culture either from seed or from bulbs. Will average 4 inches in diameter both ways. Pkt. 25 cts., 5 pkts. for \$1.

Pale Red Bermuda. 1001. Pkt. 5 cts., oz. 35 cts., ¼ lb. \$1, lb. \$3.50.

Prizetaker. 1002. Rich straw-color and of enormous size, averaging 12 to 14 inches in circumference. Excellent keeper. Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

Yellow Globe Danvers. 1011. Early, round, very small neck; fine-grained, mild flavor immensely productive and an excellent keeper. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.

ONION SETS

Prices subject to market changes.

Produce Onions much quicker than seeds. Plant near the surface, in drills 12 inches apart and 4 inches in the rows. Cultivate well for best results.

Red. 1022. Qt. 20 cts., ½ pk. 60 cts., pk. \$1.

White. 1023. Qt. 20 cts., ½ pk. 60 cts., pk. \$1.

Yellow. 1024. Qt. 20c., ½ pk. 60 cts., pk. \$1.

White Potato (Multiplier). 1025. Qt. 50c., ½ pk. \$1.50, pk. \$2.50.

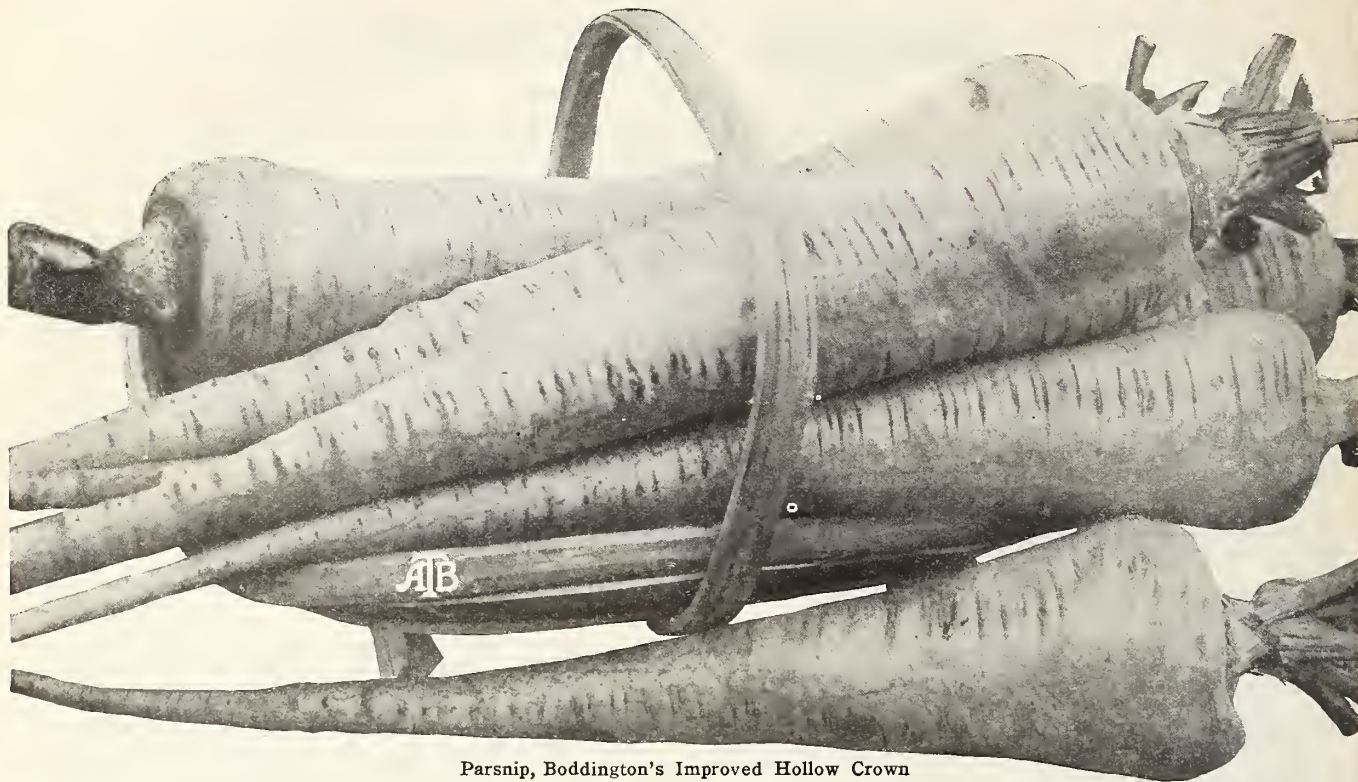
Yellow Potato. 1026. Qt. 30c., ½ pk. \$1, pk. \$1.75.

GARLIC. 1027. Lb. 50c., 10 lbs. \$4.

SHALLOTS. 1028. Qt. 30 cts., pk. \$1.75.



Boddington's Bountiful Onions



Parsnip, Boddington's Improved Hollow Crown

PARSLEY

Petersilie PERSIL Perejil

Parsley requires a rich, mellow and rather deep soil. Sow early in spring in drills 1 foot apart and half an inch deep, previously soaking the seeds a few hours in tepid water, to facilitate germination. Thin out the young plants to 4 inches.

Boddington's Exhibition. 1039. This Parsley is recognized as the standard exhibition sort, and the seed we offer has been saved from grand specimens—every plant seeded being fit for the exhibition table. For garnishing or the exhibition table this variety is unequalled. Pkt. 25 cts., 5 pkts. \$1.

Triple Moss-Curled. 1040. Immensely double, dense and compact leaves. A superb variety for garnishing. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts.

Extra-Double Curled. 1041. A beautifully curled variety, highly esteemed for garnishing. Pkt. 5c., oz. 15c., ¼lb. 40c., lb. \$1.50.

Fern-leaved. 1042. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 90 cts.

Hamburg, or Rooted. 1043. Culture same as carrots. Extensively grown for its roots, which are used in flavoring soups. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.75.

PARSNIP

Pastinake PANAIS Chirivia

Sow as early in the spring as the weather will permit, in drills 15 inches apart and one-half inch deep, in rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock, as well as for table use.

Boddington's Improved Hollow Crown. 1049. A great improvement on the old hollow-crowned variety, being quite distinct from it; good shape; smooth root; flesh soft and melting; as a table or exhibition variety, is unsurpassed. Pkt. 5 cts., oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

American Hollow Crown. 1050. Long, smooth and milky white. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

Early Round. 1051. Adapted to shallow soils; very early and of good flavor. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

The Student. 1052. A fine-flavored variety; recommended for small gardens. Pkt. 5 cts., oz. 10 cts., ¼lb. 20 cts., lb. 50 cts.

PEAS

Offered on pages 3, 4, 5 and 6.

PEPPER

Pfeffer PIMENT Pimiento

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Red Apple and Ruby King, are used for mangoes, while the small-fruited sorts are the best for sauces. Sow in hotbeds in March or April, or in a warm, sheltered border in May, and, when season is favorable, transplant in rows 2 feet apart and 18 inches in row, in good, rich ground.

Boddington's Selected Chinese Giant. 1058. Double the size of

Ruby King, this is one of the largest and finest mild red Peppers. Not only is it intensely productive, but "it is as sweet as an apple," and unusually thick-skinned. Pkt. 10 cts., oz. 35 cts., ¼lb. \$1, lb. \$4.

Bird's-eye, or Creole. 1059. A small red Pepper, extremely hot; useful for decorative purposes. Pkt. 10 cts., oz. 50 cts., ¼lb. \$1.75.

Celestial. 1050. A beautiful variety from China, with upright pods, conical in shape, and varying in color from a delicate creamy yellow to vivid scarlet. Pkt. 5 cts., oz. 25 cts.

Cherry-Red. 1061. Small, round fruit, of a rich glossy scarlet and extremely piquant. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Chili. 1062. Very piquant and prolific; small, slim fruits generally used for making pepper sauce. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Early Neapolitan. 1063. Fruit may be gathered the last of June from seed sown early in spring. The first fruits average 4½ inches in circumference by 4 inches long. The flesh and skin are bright red. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.75.

Hercules. 1064. Produces the biggest fruits of all mild, edible kinds hitherto known. The fruit has solid flesh of good flavor and of a magnificent golden yellow color. There are often at the same time a dozen well-shaped fruits on one plant. Pkt. 5 c., oz. 30 c., ¼lb. \$1.

Large Bell, or Bull Nose. 1065. A large, early variety, of pleasant flavor. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.50.

Long Cayenne, Red. 1066. Fruit 3 to 4 inches long, conical in form, of a bright red color and very productive. Pkt. 5 cts., oz. 20 cts., ¼lb. 60 cts., lb. \$2.

PEPPERS, continued

Red Apple. 1067. The ripe fruits are smooth, and of a splendid brilliant dark scarlet. Average about 4 inches in length and 3 inches in width at the top. Pkt. 15 cts., 2 pkts. 25 cts.

Ruby King. 1068. Bright ruby-red. The flavor is mild and pleasant. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.50.

Schell's New Quality. 1069. It has a beautiful, attractive shape, while its superior quality, almost as sweet as an apple, makes up its attractiveness. As to size, the average is 5 inches in length, 3½ inches wide at the base and 2¾ inches at the tip. It is the most prolific Pepper ever grown in this locality." Pkt. 10 cts., oz. 50 cts.

Sweet Mountain, or Mammoth. 1070. Similar to the Bull Nose, but larger, sweeter and of milder flavor; extensively used for mangoes. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.75.

Sweet Spanish. 1071. Large, mild; used for salad. Pkt. 5c., oz. 20 cts., ¼lb. 60 cts., lb. \$2.

Upright Sweet Salad. 1072. Handsome, productive and of finest quality. The color is bright scarlet and the flesh thick, mild and very sweet. Pkt. 10 cts., oz. 45 cts., ¼lb. \$1.25, lb. \$4.50.

White Prince. 1073. While all other kinds of Peppers are green in the edible stage and become rapidly yellow or red when ripening, this variety is distinguished by the shining creamy white of its young fruits, which are 3 to 4 inches long with a circumference of 8½ to 10 inches. They remain white until they have attained their full size; when they begin to ripen the color changes to yellow, and finally to a brilliant orange. Pkt. 15 cts., 4 pkts. 50 cts.

PUMPKIN

One ounce will plant 50 hills, 3 seeds to the hill

Große Kürbiß POTIRON
Calabaza

Connecticut Field. 1099. Very productive. Oz. 10 cts., ¼lb. 35 cts., lb. \$1.

Jumbo. 1100. Often attains a weight of 200 pounds. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$1.75.

Large Cheese. 1101. The best for cooking purposes. Pkt. 5 cts., oz. 10c., ¼lb. 30c., lb. \$1.

Large Tours, or Mammoth. 1102. Often weighs over 100 pounds. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

Sugar. 1103. Rather small, one of the best for the table or feeding stock. Pkt. 5 cts., oz. 15 cts., ¼lb. 35 cts., lb. \$1.



Potato, Dibble's New Russet



Jumbo Pumpkin



Boddington's Selected Chinese Giant Pepper

POTATOES

NORTHERN-GROWN
EXPRESSLY FOR SEED

Rartoffeln POMME DE TERRE *Patatas*

Important. Prices on Potatoes are subject to market changes. Potatoes are shipped by express or freight, as directed, purchaser paying charges. We assume no risk on Potatoes, and ship only on purchaser's responsibility. No charge is made for barrels.

Ten to twelve bushels to the acre. Plant in early spring, in rows 3 feet apart and 15 to 18 inches apart in the rows.

Dibble's New Russet. 1079. A large, round, white variety. Best for main crop. We sent samples of this variety to several leading gardeners and the general report is that it is a wonderful cropper and an excellent all-round Potato. Pk. \$1, bus. \$3.50, bbl. \$7.50.

EARLY VARIETIES

Beauty of Hebron. 1080. Slightly flesh-colored skin, with pure white flesh. Very productive and of the finest quality; a first-class early variety. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

Bovee. 1081. Extra early; very productive; of fine quality; flesh white and very dry. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

Early Rose. 1082. Popular market sort; very early; fine quality; very productive. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

Irish Cobbler. 1083. One of the best extra-early varieties; very large, white and heavy cropper; of excellent quality. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

Noroton Beauty. 1084. Table quality is superb; the earliest and best all-round Potato in existence. Yields as heavily as any of the medium-early sorts. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

INTERMEDIATE AND LATE VARIETIES

Carman No. 1. 1085. The finest second-early Potato ever offered. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

Gold Coin. 1086. Splendid for main crop, remarkably productive; finest table quality; slightly oblong; light golden skin; flesh pure white, fine-grained, cooks very dry. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

Green Mountain. 1087. Oval shape; white skin and flesh; excellent; heavy yielder. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

Rural New Yorker No. 2. 1088. Very few and shallow eyes; pure white skin and flesh; immense yielder; fine table quality. Pk. 85 cts., bus. \$2.50, bbl. \$4.75.

RADISH

One ounce will sow
100 feet of drill

Radieschen; Rettig RADIS; RAVE; PETITE RAVE *Rabano*

For an early supply sow in January and February in hotbeds, keeping well ventilated. In April they may be sown out-of-doors. Make successive sowings every two weeks. Radishes should make a rapid growth.

LONG VARIETIES

Cincinnati Market. 1114. An extra-early variety of the Long Scarlet type; of a clear bright red color. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Early Cone-shaped Scarlet White-tipped. 1115. Extra early; grows to a very large size without becoming stringy with age; color is intense, shining scarlet, with white tips; of pleasing appearance. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Long Icicle, or Lady Finger. 1116. Pure white; of fine flavor; suitable for forcing. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Long Scarlet Short-Top. 1117. Very long, crisp; for frames or outdoors. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

White Strasburg Summer. 1118. Very large; the German's favorite. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Wood's Early Frame. 1119. Early; scarlet; good, reliable sort. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

OVAL, or OLIVE-SHAPED

Deep Scarlet. 1124. Crisp; very early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

French Breakfast. 1125. Pink and white; early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Sakurajima. A Radish from Japan, which grows to enormous dimensions. The circumference of some is 43 in., the length 21 in. The skin is white and the fruit is always crisp and tender. The taste is more delicate than our American varieties, and we believe that this variety will become popular. Pkt. 10 cts., oz. 50 cts.



Long Icicle Radishes



French Breakfast Radishes

ROUND, or TURNIP-SHAPED

Boddington's Early Frame. 1131. The best early and tender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Cooper's Sparkler. 1132. A quite distinct new sort of a beautiful, rich carmine-scarlet, with a pronounced tip of pure white. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Crimson Giant. 1133. This variety is suitable for either forcing or early planting out-of-doors. A remarkable feature of this Radish is that it will grow double the size of other round red forcing Radishes and still remain solid, not showing the least sign of becoming hollow. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Early Deep Blood-Red. 1134. Extra-early forcing sort. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early Deep Scarlet. 1135. Very early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early Scarlet. 1136. Very early. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early Scarlet Globe-shaped. 1137. Fine for forcing or open ground. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early Triumph. 1138. Very prettily striped or mottled scarlet and white; fine forcer; very attractive appearance. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.

Giant Butter. 1139. Forcing Radish; round, short-leaved scarlet. Pkt. 15 cts., oz. 30 cts., $\frac{1}{4}$ lb., 85 cts.

Saxa. 1140. In less than three weeks from sowing, Saxa Radish is ready for the table, the flesh being firm, crisp and juicy, and remains so for a long time without getting spongy. Fine outside or for forcing. Pkt. 20 cts., 6 pkts. \$1.

Scarlet White-tipped. 1141. Early bright red Radish with white tip; flesh is pure white, crisp and tender. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.

WINTER VARIETIES

Half-Long Black Spanish. 1147. Very fine strain. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Long Black Spanish. 1148. The popular winter sort. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Round Black Spanish. 1149. Fine for winter. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

White Spanish. 1150. Fine for winter. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Round Scarlet China. 1151. Fine for winter or summer; grows in 6 or 8 weeks. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.



Early Scarlet Globe-shaped Radishes

RHUBARB

One ounce of seed to 100 feet of drill

Linnaeus. 1162. Makes big, rich red stalks. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

Myatt's Victoria. 1163. This is the most popular variety. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts.

RHUBARB ROOTS. See page 31.

SALSIFY, or VEGETABLE OYSTER

Saferwurzel SALSIFIS Ostion Vegetal

Sow the seed early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.

One will sow about 50 feet of drill

Long White French. 1169. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.50.

Mammoth Sandwich Island. 1170. Tender and delicious; very superior. Pkt. 5 cts., oz. 25 cts., ¼lb. 60 cts., lb. \$2.

SCORZONERA 1176

One ounce will sow 50 feet of drill

Scorzonwurzel SCORZONERE Escorzonera

Requires the same culture as salsify. Don't scrape the roots, simply wash and boil till tender; serve like asparagus. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.75.

SEA KALE

Seetohl CHOU DE MER Berza marina

Sow an inch deep in drills 2 feet apart, thin out to 6 inches, and the next spring plant in hills 3 feet apart.

One ounce will produce about 300 plants

Sea Kale Seed. 1182. Pkt. 5 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.75.

SEA KALE ROOTS. See page 31.

SORREL

Sauerampfer OSEILLE Accdera

Sow early in the spring in drills 6 to 8 inches apart.

One ounce will sow about 100 feet of drill

Large-leaved French. 1188. Used for soups and salads on account of its pleasant acid flavor. Pkt. 5 cts., oz. 20 cts., ¼lb. 50 cts., lb. \$1.75.

SPINACH

Spinat ESPINARD Espinaca

Sow in early spring, in drills a foot apart (10 to 12 pounds to the acre), every two weeks for a succession, and as it grows, thin out for use. Sow the seed of New Zealand in hills 2 feet apart each way, three or four seeds in a hill. This is fit for cutting all summer.

Spinach seed is scarce this year, owing to its export from Holland, the usual source of supply, being prohibited. We recommend customers to order early, to avoid disappointment.

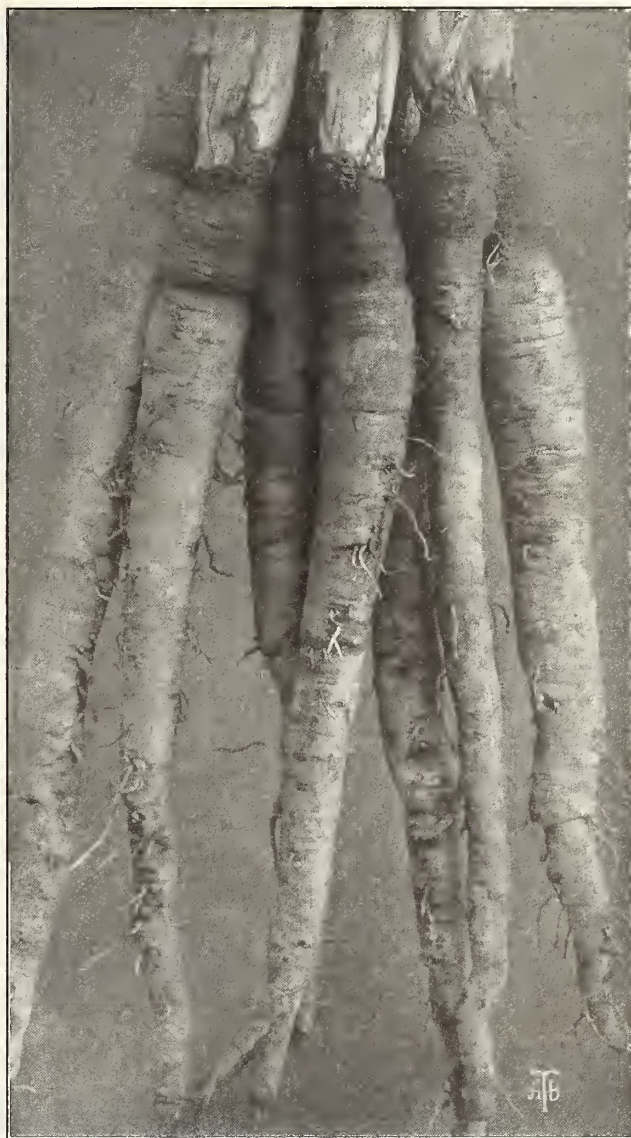
One ounce will sow about 100 feet of drill

Curled-leaved Savoy, or Bloomsdale. 1194. Large curled and wrinkled leaves; tender and of the finest flavor. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Large and Crumple-leaved. 1195. One of the best varieties. The leaves are very thick and fleshy and form good plants of about 8 inches across. It is a variety good for early sowing in September as well as for spring use. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Lettuce-leaved. 1196. Popular French sort. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Long-standing (Round Thick-leaved). 1197. Dark green; leaves large and thick; very long-standing. Best for spring growing. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.



Salsify, Mammoth Sandwich Island

New Zealand Summer. 1198. This plant is not a Spinach, but it is used as such; it grows 1½ feet high and is very prolific; grows well during hot summer weather when the ordinary Spinach cannot be had. The seed should be soaked in hot water before sowing. Pkt. 5 cts., oz. 15 cts., ¼lb. 50 cts., lb. \$1.50.

Prickly, or Winter. 1199. Vigorous and hardy; recommended for fall sowing. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Round-leaved Flanders. 1200. A standard sort. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Round Viroflay, Thick-leaved. 1201. Has very large, thick, dark green leaves; the favorite market-gardeners' sort for fall or spring sowing. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.

Triumph (Long Season). 1202. This Spinach is an improved variety of the Victoria Spinach, but will stand the heat about two weeks longer than the original sort. The very thick and fleshy and crumpled leaves are of the darkest green color and form a Spinach almost like a cabbage-head. The size of a single plant is about 9 or 10 inches across. Oz. 10 cts., ¼lb. 25 cts., lb. 75 cts.

Victoria. 1203. Extra-dark black-green color. Two or three weeks later than the ordinary Long-standing. A fine variety for spring sowing. Oz. 10 cts., ¼lb. 15 cts., lb. 50 cts.



Types of Squash

SQUASH

One ounce of seed will plant 25 hills; 3 to 4 pounds to the acre

Speise-Kürbis COURGE Calabaza

Sow in hills, like cucumbers and melons, in good, well-manured soil, when danger from frost is past.

Bay State. 1214. Fine and dry flesh, of sweet flavor, bright and golden yellow; an excellent keeper. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Boston Marrow. 1215. A highly popular winter variety; quality unexcelled. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Bush Summer Crookneck. 1216. Fine summer variety; yellow fruit; early and productive. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Delicata. 1217. Orange-color, striped dark green. Very early, prolific and solid. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.50.

Early Prolific Marrow. 1218. Early and productive; brilliant orange-red color and fine keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

English Vegetable Marrow, Long White. 1219. Skin

greenish yellow; flesh white, soft and rich flavor. To prepare for the table, quarter lengthwise, take out seeds, boil, and serve with drawn butter. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

Essex Hybrid. 1220. One of the richest-flavored, finest-grained, sweetest and best winter-keeping varieties known. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Extra-Early Jersey White Bush. 1221. Grows in the bush form, and is

enormously productive. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Fordhook. 1222. Bright yellow skin; flesh straw-yellow, dry and sweet. Matures early and is a heavy cropper. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Giant Summer Crookneck. 1223. Twice as large as the ordinary Summer Crookneck, more watery, and several days earlier. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Hubbard Improved. 1224. A large, very hard-shelled variety of the first quality; good keeper. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Improved White Bush Scalloped. 1225. A decided improvement on the old variety, being very much thicker in the center, and with little or no rim. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Long Island White Bush. 1226. An improvement over the old White bush varieties. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Mammoth Chili. 1227. Grows to an immense size. Pkt. 15 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.50.

Marblehead. 1228. Resembles the Hubbard, and generally acknowledged to be superior. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

Perfect Gem. 1229. A summer or winter Squash. Creamy white with thin, smooth shell, slightly ribbed. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Pike's Peak, or Sibley. 1230. Skin dark olive-green; light golden flesh of excellent quality. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

White Bush Scalloped. 1231. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Winter Crookneck. 1232. Excellent for winter; flesh close-grained, sweet and of fine flavor. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Yellow Bush Scalloped. 1233. Similar to the preceding, except in color. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

STRAWBERRY SEED

ALPINE

The delicate Alpine Strawberry can easily be raised from seed. Sow in an open bed of light soil, in shallow drills, 6 inches apart, and transplant, when large enough, to proper beds. Spring-sown seed will produce a moderate crop in the fall, and a full crop the following year, if properly protected against frost. Slowly grown, spring-sown seeds

will produce Strawberries under glass at Christmas.

SUTTON'S LARGE RED ALPINE. 1244.

Bright red, and of exquisite flavor. Pkt. 50 cts.

THE PEARL. 1245. Fruiting from June to November almost continuously. Pkt. 50 cts.

IMPROVED RED. 1246. Dark in color. Pkt. 20 cts.

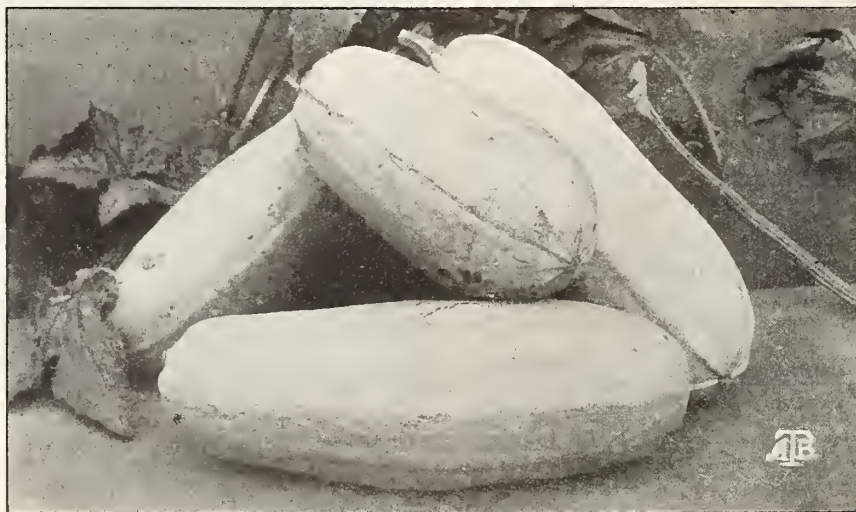
RED. 1247. Pkt. 20 cts.

MIXED. 1248. Pkt. 15 cts.

AUTUMN-FRUITING

ST. ANTOINE DE PADOUE. 1249. Pkt. 50 cts.

ST. JOSEPH. 1250. Pkt. 50 cts.



English Vegetable Marrow, Long White

TOMATO

Liefesapfel

TOMATE

Tomate

For early plants, sow in hotbeds early in March, in drills 5 inches apart and one-half inch deep; when the plants are about 2 inches high, transplant into another hotbed, 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or large flower-pot by placing it in a sunny window in a warm room or kitchen. For late use, sow in a sheltered border in May, and set out the plants in July. The green fruit can be picked off before frost and ripened under glass. By training the vines on trellises or tying to stake, the fruit will ripen better and be of finer quality.

One ounce will produce from 3,000 to 4,000 plants

ENGLISH or GREENHOUSE TOMATOES

While specially adapted for growing under glass, all the year round, they succeed outdoors very well, and are extremely early.

Boddington's Early Sunrise. 1256. The chief points in Sunrise are: Its earliness (it was exhibited in full fruit on July 4), its cropping properties, its healthy constitution (no trace of disease), its solid but delicate flesh (contains few seeds), its evenness in size as a dessert fruit, its bright scarlet color and rich acid flavor, its equal value for indoor or outdoor cultivation. Pkt. 15 cts., 2 for 25 cts., $\frac{1}{8}$ oz. 60 cts., $\frac{1}{4}$ oz. \$1, $\frac{1}{2}$ oz. \$1.75, oz. \$3.

Aero. 1257. In reality, it is a re-selected Tuckswood Favorite, with all its good qualities of earliness, cropping properties, healthy constitution, its solid and delicate flesh and its evenness of size. The fruit contains very few seeds, and in color is a bright scarlet, with rich, acid flavor. Recommended for all purposes and does well under glass. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1.

Bucks' Tresco. 1258. This variety, introduced in England three or four years ago, has become very popular in American gardens. It produces medium-sized fruit in abundance, and does equally well indoors or out. Pkt. 30 cts., 4 pkts. \$1.

Comet. 1259. This is a splendid variety for either indoors or out. It is very short-jointed, fruiting close up to the stem. The Tomatoes are of good medium size, quite smooth, very solid, and of a deep scarlet color. Comet has been extensively used for forcing by market growers, and is now the favorite sort for this purpose. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Dobbie's Champion. 1260. The fruits are of a handsome globular shape and not too large; the color is deep red, bright and shining, just the color for market or the exhibition table. It is an enormous cropper, and the fruits are medium in size, averaging 4 ounces in weight. The flavor is of the highest quality,—it was awarded first prize for excellence of flavor at Glasgow International Exhibition,—flesh nice and firm; whilst, like all highly-selected plants, it yields comparatively few seeds. Dobbie's original pkts., 25 cts. and 50 cts. each.

Frogmore Selected Forcing. 1261. A splendid variety for forcing. Fruit good size, deep bright red color; shape round and smooth; flesh solid and of exquisite flavor. Pkt. 15 cts., oz. \$2.50.

Hipper No. 1. 1262. This is a grand English variety, either for forcing or out-of-door work. The color is a rich crimson; fruit round and of excellent flavor; very little core or seed. Pkt. 25 cts., oz. \$2.50.

Holmes' Supreme. 1263. The

Forcing Tomato. Medium-sized, scarlet fruit, round, smooth and firm; heavy cropper; fine for growing under glass or outdoor cultivation. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Lister's Prolific. 1264. Hand-

some, medium-sized fruit, very prolific and of excellent flavor. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Stirling Castle. 1265. Small size, very solid, finest flavor; enormously productive; fine for forcing under glass. Pkt. 15 cts., oz. \$2.50.

Sutton's A1. 1266. A remarkably free-bearing Tomato. Fruits of good size, produced in bunches of ten to sixteen in number; very rich color; form round or apple-shaped, smooth; of the finest quality. Extremely attractive while growing and on the table. A first-rate variety for exhibition. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Sutton's Best of All. 1267. Sets freely and is an immense cropper, producing heavy bunches at short intervals all over the plant. Fruits smooth, excellent in form, of good size, and so solid that little seed is produced; color deep scarlet. Pkt. 50 cts.

Sutton's Cascade. 1268. For ornamental purposes this new Tomato has no rival. Each plant carries several elegant racemes, 2 feet or more in length, of brilliant crimson fruits, which are of the finest quality for table. Pkt. 50 cts.

Sutton's Earliest of All. 1269. Fruit of medium size, brilliant red color, and good form; very prolific, and of superior flavor. One of the most reliable Tomatoes for ripening out-of-doors, and surpassed by few, if any, for indoor growth. Valuable for amateurs' gardens as well as for large establishments. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50.

Sutton's Magnum Bonum. 1270. A very prolific and valuable Tomato, suitable for culture under glass or in the open. The fruits are nearly free from corrugation and uniformly distributed over the plant. One of the best early varieties and sets very freely. Pkt. 50 cts.

Sutton's Winter Beauty. 1271. Winter-fruiting variety. Fruits of good size, fairly smooth, deep in color, and of superb quality. This Tomato has been quite as successful in the open ground as for a winter crop under glass. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50. Sutton's original packets, 50 cts. each.

Tuckswood Favorite. 1272. A grand Tomato and tremendously productive; fruit is borne in immense bunches; round, smooth, solid, and of good form and flavor. Pkt. 25 cts., 5 pkts. \$1, oz. \$3.



Lister's Prolific Tomatoes

OUTDOOR TOMATOES

Acme. 1278. Rich, glossy crimson, tinged with purple; perfectly smooth; one of the earliest. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Beauty. 1279. Round, smooth, glossy; crimson, tinted with purple. Excellent quality; solid and free from core. Early, vigorous. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Best of All. 1280. Dwarf habit and very prolific; fruit of good size, and so solid that very little seed is produced. Color deep scarlet. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Chalk's Early Jewel. 1281. Very fine; large, solid, smooth and bright red; similar to the Stone, but very early. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Crimson Cushion. 1282. Brilliant scarlet-crimson; very large, solid, and almost seedless. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Dwarf Champion. 1283. The foliage is very marked, of a dark green color; leaves thick and different from other sorts; fruits smooth, medium in size and similar in color to the Acme. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Dwarf Stone. 1284. A dwarf, sturdy plant like the Dwarf Champion in habit, but of stronger growth. The fruits are large and resemble the original Stone. The shape is perfect, with good skin, very solid flesh and of excellent flavor. The plants are very stocky and do not spread much. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Earliana. 1285. Extra early; bright red, smooth. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Early Ruby. 1286. The earliest of all large Tomatoes; distinct and handsome appearance. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Favorite. 1287. Bright red; ripens evenly and well up to the stem; of good size, globular. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Freedom. 1288. As early as Ruby, perfectly round, solid and with few seeds; bright scarlet; borne in clusters and very prolific. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Improved Lorillard. 1289. Very solid, smooth and well flavored; early, productive; a splendid variety. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Livingston's New Coreless. 1290. Large size, globe-shaped; bright red; full stem-end, heavy cropper. The two distinctive features which stand out most prominently are great depth from stem to blossom—and the depression at the stem has been almost entirely eliminated. Pkt. 5 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75.

Matchless. 1291. Early; uniform shape; dark red; possesses extraordinary keeping qualities. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Perfection. 1292. An early variety of blood-red color; perfectly smooth; bears abundantly until frost. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Ponderosa, or Beefsteak. 1293. Claimed to be the largest that has yet been introduced. Bright red; rather flat; flavor and solidity unequalled. Pkt. 5 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Stone, Tall. 1294. This is a large, very smooth, bright scarlet Tomato, ripening evenly to the stem without cracking. The flesh is firm, solid and of excellent quality; one of the best for shipping. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

Table Queen. 1295. Said to be the largest and heaviest smooth Tomato ever offered; rich crimson, and of a most agreeable acid flavor. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

Trophy, Extra-Selected. 1296. Large, smooth and solid variety, of fine flavor and immensely productive. The best for general and late crop. Pkt. 5 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.

FANCY-SHAPED TOMATOES

For Preserves and Pickles

	Pkt.	Oz.		Pkt.	Oz.
Red Cherry. 1299	\$0 05	\$0 30	Red Strawberry . . . 1304	05	\$0 30
Red Currant. 1300	05	30	Yellow Cherry. 1305	05	30
Red Peach. 1301	05	30	Yellow Peach. 1306	05	30
Red Pear. 1302	05	30	Yellow Pear. 1307	05	30
Red Plum. 1303	05	30	Yellow Plum. 1308	05	30

TURNIP

Rübe NAVET Nabo

For early Turnips, sow as soon as the ground opens in spring. Turnips are generally sown broadcast, but much larger crops are obtained (particularly of the Rutabagas) by cultivating in drills 18 inches apart, and thinning to 6 inches in the drill. Sow in drills, one pound to the acre; broadcast, two to three pounds to the acre.

Boddington's Model Snowball. 1319. The earliest and most perfectly formed round white Turnip for garden use. Our stock has been continuously selected for many years, resulting in a beautiful shape, with short top and a single tap-root. Flesh snowy white, solid and mild in flavor. This Turnip has probably been awarded more first prizes than any other. Pkt. 5 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Early Flat Dutch. 1320. Adapted for spring sowing. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early Snowball. 1321. Small, solid, sweet and crisp; one of the best for table use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Early White Strap-Leaf. 1322. The best white table or market variety. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Extra-Early Purple-Top Milan. 1323. The bulbs are white, with purple top, round, flattened and solid; flesh pure white, sweet and crisp. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.

Extra-Early White Milan. 1324. A splendid extra-early Turnip, in which the extreme earliness, small top and tap-root of the Purple-Top Milan are united with clear white skin and flesh. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.

Golden Ball. 1325. Bulb of fine form and bright yellow color; a fine keeper; unsurpassed for table use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Long White, or Cowhorn. 1326. A quick-growing, long-shaped variety; flesh fine-grained and sweet, an excellent sort for table use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

One ounce will sow
150 feet of drill

Purple-Top White Globe. 1327. A very handsome, globe-shaped variety; valuable for market purposes. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Red-Top Strap-Leaf. 1328. Extensively grown both for table and for stock. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Sutton's Scarlet Perfection. 1329. For its fine color, striking form and high quality, this Turnip deserves to be widely grown. In shape it is perfect, and the skin is bright crimson-scarlet; on the exhibition table it presents a most attractive appearance. Flesh white, close; flavor very sweet. Pkt. 5 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.25.

White Egg. 1330. White skin; flavor of the best; mild and sweet. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Yellow Aberdeen, Purple-Top. 1331. A very hardy and productive variety; good for either table or stock. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Yellow Globe. 1332. The best yellow variety for general crop. It keeps well until late in the spring and is excellent for table use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Yellow Malta. 1333. Early; fine flavor. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Yellow Stone. 1334. Excellent variety for early or late sowing; a good cropper and fine keeper; valuable for table use. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

GARDEN SWEDE. 1340. Specially adapted for garden. Stands the severe weather better than the Turnip, and prolongs the supply of this valuable vegetable. Pkt. 5c., oz. 15c.

For Rutabagas, see page 30



Boddington's Early Model Snowball Turnip

POT, SWEET AND MEDICINAL HERBS

	Pkt.	Oz.		Pkt.	Oz.
Agrimony. 1350. For medicinal purposes (<i>Agrimonia officinalis</i>).....	\$0 10	\$0 75	Lavender. 1376. Possessing the same qualities as above, but in lesser degree (<i>Lavandula spica</i>).....	\$0 05	\$0 10
Angelica. 1351. Garden. For flavoring wine and cakes (<i>Archangelica officinalis</i>).....	05	25	Loiave. 1377. Has medicinal qualities (<i>Levisticum officinale</i>).....	10	75
Anise. 1352. Seeds aromatic and carminative (<i>Pimpinella anisum</i>).....	05	10	Marshmallow. 1378. Has medicinal qualities (<i>Althaea officinalis</i>).....	05	25
Arnica. 1353. Tincture of Arnica is made from it (<i>Arnica montana</i>).....	10	25	Marigold, Pot. 1379. The flowers dried or fresh are used in soups (<i>Calendula officinalis</i>).....	05	25
Balm. 1354. For culinary purposes (<i>Melissa officinalis</i>).....	05	25	Marjoram, Pot. 1380. Used in seasoning. (<i>Origanum Onites</i>).....	10	45
Basil. Dwarf or Bush. 1355. Culinary herb (<i>Ocimum minimum</i>).....	05	15	Marjoram, Sweet. 1381. Used in seasoning (<i>Origanum Majorana</i>).....	05	15
Basil, Sweet. 1356. Culinary herb used for flavoring soups, etc. (<i>Ocimum Basilicum</i>).....	05	15	Mint, Curled. 1382. (<i>Mentha crispa</i>).....	25	
Belladonna. 1357. Used in medicine (<i>Atropa Belladonna</i>).....	25		Mint, Peppermint. 1383. (<i>Mentha piperita</i>).....	25	
Bene. 1358. The leaves used for dysentery (<i>Sesamum orientale</i>).....	05	15	Pennyroyal. 1384. Has medicinal qualities (<i>Hedeoma pulegoides</i>).....	25	
Borage. 1359. Leaves used as a salad (<i>Borago officinalis</i>).....	05	10	Rosemary. 1385. Yields an aromatic oil and water (<i>Rosmarinus officinalis</i>).....	05	30
Caraway. 1360. Used in flavoring liquors and bread (<i>Carum Carui</i>).....	05	10	Rue. 1386. Said to have medicinal qualities (<i>Ruta graveolens</i>).....	05	20
Catnip. 1361. Has medicinal qualities (<i>Nepeta cataria</i>).....	10	40	Saffron. 1387. Used in medicine, and also in dyeing (<i>Carthamus tinctorius</i>).....	05	25
Chamomile. 1362. (<i>Matricaria Chamomilla</i>).....	10	75	Sage, Common. 1388. A culinary herb; also used in medicine (<i>Salvia officinalis</i>).....	05	15
Coriander. 1363. Seeds aromatic (<i>Coriandrum sativum</i>).....	05	10	Sage, Red. 1389. Used as a culinary herb; also in medicine (<i>Salvia Horminum</i>).....	05	15
Cumin. 1364. (<i>Cuminum Cyminum</i>).....	10	40	Sage, Purple. 1390. Used as a culinary herb; also in medicine (<i>Salvia Horminum</i>).....	05	15
Dill. 1365. Seeds used for flavoring vinegar (<i>Anethum graveolens</i>).....	05	10	Savory, Summer. 1391. Used as a culinary herb (<i>Satureja hortensis</i>).....	05	25
Dill. 1366. Mammoth. Much larger than above (<i>Anethum graveolens</i>).....	05	15	Savory, Winter. 1392. Used as a culinary herb (<i>Satureja montana</i>).....	05	25
Elecampane. 1367. Has tonic and expectorant qualities (<i>Inula Helenium</i>).....	10	50	Tansy. 1393. Generally used in bitters (<i>Tanacetum vulgare</i>).....	10	60
Fennel, Sweet. 1368. Seeds aromatic; for flavoring (<i>Anethum Faniculum</i>).....	05	10	Tarragon, True. 1394. Does not produce seed. Roots in fall and spring... 35 cts. each, \$3.50 per doz. (<i>Artemisia Dracunculus</i>).....		
Fennel, Florence. 1369. In flavor resembling celery (<i>Anethum Faniculum</i>).....	05	15	Thyme, Broad-leaved English. 1395. Used as a seasoning (<i>Thymus vulgaris</i>).....	05	40
Foxglove, Purple. 1370. Has medicinal qualities (<i>Digitalis purpurea</i>).....	10	35	Thyme, French. 1396. (<i>Thymus vulgaris</i>).....	05	40
Fumitory. 1371. A medicinal herb (<i>Fumaria officinalis</i>).....	10	90	Woodruff. 1397. (<i>Asperula odorata</i>).....	10	60
Henbane. 1372. Has medicinal qualities; poisonous (<i>Hyoscyamus niger</i>).....	25		Wormwood. 1398. Has medicinal qualities (<i>Artemisia Absinthium</i>).....	05	20
Horehound. 1373. Has medicinal qualities (<i>Marrubium vulgare</i>).....	05	25			
Hyssop. 1374. Has medicinal qualities (<i>Hyssopus officinalis</i>).....	05	25			
Lavender, True. 1375. For oil and distilled water (<i>Lavandula vera</i>).....	10	35			

FIELD CORN

Eight quarts will plant one acre in hills; 3 bushels will sow one acre broadcast, or half that quantity in drills

Brewer's Yellow Dent Corn. 1401. This variety was exhibited by Mr. N. H. Brewer, of Hockanum, Conn., at the National Corn Exhibition, Omaha., Neb., 1908, and secured the grand prize for his Yellow Dent Corn, for the largest yield per measured acre in the United States, viz., 133 1/3 bushels shelled corn to the acre. The seed procured by us is pedigreed stock, thoroughly selected, and was supplied to our grower direct from Mr. Brewer, the originator of this variety. Qt. 25 cts., 1/2 pk. 60 cts., pk. \$1.10, bus. \$3.50; selected ears, 80 cts. for 12, \$1.50 for 25, \$2.25 for 50, \$4 per 100.

Golden Beauty. 1402. Qt. 15 cts., pk. 75 cts., bus. \$2.50.

Improved Leaming. 1403. Qt. 15 cts., pk. 75 cts., bus. \$2.50.

Longfellow. 1404. Yellow Flint. Qt. 15 cts., pk. 75 cts., bus. \$2.50.

Southern Horsetooth. 1405. Qt. 15 cts., pk. 75 cts., bus. \$2.50.

Sweet Fodder. 697. Pt. 10c., qt. 20c., 1/2 pk. 40c., pk. 75c., bus. \$2.75.

Prices subject to market fluctuations



Chicory, Witloof. Known in the United States as French Endive; in Europe as Brussels Chicory. One of the finest winter salads. It is easy of cultivation and should be grown by every gardener, amateur and professional alike. Full description and price on page 14

ROOT CROPS FOR FEEDING STOCK



Colossal Long Red Mangel-Wurzel

CARROT

One ounce will sow 100 feet of drill;
3 to 4 pounds for an acre

	Oz.	¼lb.	Lb.
Danvers Half-Long. 530.....	\$0 15	\$0 50	\$1 25
Improved Long Orange. 537.....	15	40	1 00
White Belgian. 540.....	15	40	1 00
Yellow Belgian. 541.....	15	40	1 00

RUTABAGAS (Russian or Swede Turnips)

One ounce will sow 150 feet of drill; 1 to 2 pounds for an acre

	Pkt.	Oz.	¼lb.	Lb.
Champion. 1421. Surpasses all the other varieties for size and richness....	\$0 05	\$0 10	\$0 20	\$0 60
Improved American. 1422. A yellow-fleshed, purple-top variety, grown for stock or table.....	05	10	20	60
Long Island Improved. 1423. Much larger than the ordinary American..	05	10	20	60
Skirving's Purple-Top. 1424. A very heavy cropper; one of the best for field culture.....	05	10	20	60

MANGEL-WURZEL

Sow 6 to 8 pounds to the acre

- Champion Yellow Globe. 1430.** Smooth, globe-shaped roots, of large size and excellent quality.
Colossal Long Red. 1431. Roots of the largest size, blood-red color. Exceedingly nutritious, distinct and valuable.
Giant Intermediate. 1432. An improvement on Yellow Ovoid.
Golden Tankard. 1433. Flesh bright golden yellow, and in this respect differs from all other varieties, which cut white.
Long Yellow. 1434. Differs from Long Red only in color.
Red Globe. 1435. Similar to the Yellow Globe, differing only in color.
 Price of any of the above, oz. 10 cts., ¼lb. 15 cts., lb. 50 cts., 10 lbs. and upward, 45c. per lb.

SUGAR BEET

Sow 6 to 8 pounds
for an acre

Klein Wanzleben. 1438. Extensively grown for feeding and sugar. Oz. 15 cts., lb. 50 cts.

MISCELLANEOUS CEREALS, Etc.

All subject to change and market prices

CANADIAN FIELD PEAS

Valuable for northern climates, for cattle-feeding, especially for milch cows. It also makes fine ensilage. It is sown broadcast in the spring and harrowed in. If sown with oats, about 1½ bushels to the acre; in drills, 2 to 3 bushels to the acre. Market price on application.

COWPEAS (*Vigna Catjang*)

Specially adapted to warm countries; extensively grown in our southern states; also valuable in this latitude as a fodder-plant; their chief value, however, is as a green crop to plow under. The seed should not be sown till the ground has become well warmed. One bushel to the acre in drills; 2 to 2½ bushels to the acre if sown broadcast.

Black-eyed, Clay, Whippoorwill. Market price on application.

SOJA BEANS

Thrives well in hot, dry weather. Valuable for the South. Plant at the rate of ½ to ¾ bushel to the acre, in drills 2½ to 3 feet apart, and cultivate same as field corn. It does not make good hay, but is good as ensilage or green fodder. Market price upon application. (60 lbs. to the bushel.)

BARLEY, Champion. 1440. (48 lbs. to the bushel.) Sow 2 bushels to the acre. At ruling market price.

BUCKWHEAT. (48 lbs. to the bushel.) Sow 1 bushel to the acre.

Silver Hull. 1442. Very early.

Japanese. 1443. Large grains. Both at market prices.

MILLET. (50 lbs. to the bushel.)

Golden. 1445. For canary-feeding, etc. Sow 60 lbs. Lb. 100 lbs. to the acre.....\$0 15 \$7 50

Hungarian. 1446. Sow 60 lbs. to the acre. Prices variable

Japan Barnyard. 1447. Useful for fodder. Sow 40 lbs. to the acre.....15 8 00

Pearl. 1448......20 13 00

Red Siberian. 1449......15 7 50

White French. 1450......15 8 50

OATS. (32 lbs. to the bushel.) Sow 2½ to 3 bushels to the acre.

Black Bell. 1456. (Swedish-grown).....\$2 25

Clydesdale. 1457. (Home-grown).....1 75

Golden Rain. 1458. (Swedish-grown).....2 15

Conqueror. 1459. (Swedish-grown).....2 25

Grand Mogul. 1460. (Swedish-grown).....2 25

RYE. (56 lbs. to the bushel.) Sow 1½ to 2 bushels to the acre. Bus. Spring. 1465.....\$2 25

Winter Excelsior. 1466......1 75

Winter, Mammoth. 1467......2 25

WHEAT. (60 lbs. to the bushel.) Sow 1½ bushels to the acre.

Durum. 1472. Used for macaroni.....3 00

Klondike. 1473......2 25

Rupert's Giant. 1474......2 25

Spring. 1475......2 75

RAPE, Dwarf Essex, English. 1480. Fine for sheep-pasture and soiling. Sown in May it is ready for pasturing in July and August. Sow in drills, 5 lbs. to the acre; broadcast, 10 lbs. Per 100 lbs. \$10.

SUNFLOWER, Large Russian. 1482. Fine for poultry-feed, Per 100 lbs. \$12.

VETCHES, Spring Tares. 1483. Sow 70 to 90 lbs. to the acre. At market prices.

Winter Tares. 1484. Do well on poor land. Sow either in spring or fall, with rye for support. Extremely hardy. Sow 40 lbs. to the acre. Price variable.

SPECIAL ATTENTION IS CALLED TO OUR SWEDISH OATS LISTED ABOVE

Vegetable Plants, Roots and Herbs

	Each	Doz.	100
Artichoke. (French.) Boddington's Selected Large Green. Plants ready for shipment about March 1.....		\$2 00	\$15 00
Cabbage. Hotbed plants for delivery April 15 to June 1. Early Jersey Wakefield, Charleston Wakefield, Early Summer. 1,000, \$7.50.....		15	1 00
Cauliflower. Snowball and Selected Erfurt. From hotbed; ready April and May.....		25	1 50
Chamomile.	\$0 10	1 00	
Chives. bunch, 25c.....		2 50	20 00
Cinnamon-Vine Roots (Chinese Yam).....	05	20	75
Eggplant. Ready in May and June. Black Beauty, the finest and best variety. Grown in pots.....		60	5 00
Hop-Vine Roots	10	1 00	
Jerusalem Artichoke Roots. Qt. 20c., bus. \$4.....		20	75
Horse-Radish Roots. Cut in pieces.....			
Horse-Radish, Maliner Kren. This new variety of Horse-Radish was first discovered by the United States Agricultural explorer, Mr. David Fairchild, in Bohemia, about ten years ago. Is as white as snow; free from disease; grows to enormous size. Selected roots..... 1,000, \$12.....		25	1 50
Lavender, True.	15	1 50	
Pennyroyal.	10	1 00	

	Each	Doz.	100
Peppermint.	\$0 10	\$1 00	
Peppers. Pot-grown plants, ready in May and June. Bell or Bull Nose, Long Red Cayenne.....		60	\$5 00
Rosemary.	15	1 50	
Rhubarb Roots. Strong.....	15	1 50	
Sage (Mammoth).....	10	1 00	
Spearmint.	10	1 00	
Sweet Potato. Ready in May and June. Red and Yellow Nansemond..... 1,000, \$4.50.....			75
Tansy.	10	1 00	
Tarragon.	35	3 50	
Thyme, Broad-leaved English.	15	1 25	

TOMATO PLANTS. Pot-grown

	Doz.	100
Crimson Cushion.	\$0 75	\$5 00
Ponderosa, or Beefsteak.	75	5 00
June Pink.	75	5 00
Earliest of All.	75	5 00
Acme.	60	4 00
Stone.	60	4 00

We have Tomato plants, grown in flats, at 30 cts. per doz., \$2.50 per 100.

ASPARAGUS (*Asparagus officinalis*)

Garden Culture.—Locate the Asparagus-bed away from the roots of trees, shrubbery, or privet hedge. Commence at one end and dig a trench two spades deep and cart the soil so excavated to the other end of the bed.

Place in the bottom of the trench 8 inches of well-rotted manure; cover this with the soil excavated in digging the next trench, and repeat the operation until the preparation of the bed is complete.

Mark out rows 4 feet apart, and plant the roots 1 foot apart, covering with 5 inches of soil. Forcing crowns are not suitable for any culture but forcing. For garden culture young roots, 2 years old, give the best results.

Top-dress the bed each spring with manure or fertilizer before the growth starts. Asparagus should not be cut until the second year, and then only sparingly.

After two years' growth the bed will be in full bearing and may be cut more liberally until about July 4.

Forcing Crowns. These are extra heavy and suitable only for forcing under glass or in frames. Five-year-old, extra strong, \$1.50 per doz., \$10 per 100, \$90 per 1,000.

Conover's Colossal. Extra-strong, two-year-old, \$1 per 100, \$8 per 1,000.

Palmette. Extra-strong, two-year-old, \$1 per 100, \$8 per 1,000.

FORCING SEA KALE ROOTS, BODDINGTON'S LILY-WHITE (*Crambe maritima*)

Sea Kale is almost unknown in America, but considered quite a delicacy in Europe. It is one of the most succulent and edible vegetables known, and can be forced like rhubarb, or grown in the open ground and protected so that it will blanch. In form and flavor it is not unlike celery, though it is not eaten raw, but is cooked in the same manner as asparagus.

Put into boiling water, and cook for ten minutes; pour off the water to get rid of the strong flavor; add more boiling water from the kettle, and boil ten to fifteen minutes longer. Serve with white sauce, the same as in serving asparagus.

Imported Extra-selected Forcing Crowns. \$2 per doz., \$15 per 100.

Note.—All Plants and Roots are shipped by express, customer paying charges. If wanted by parcel post, add 10 per cent to amount of order.



Asparagus, Forcing Crown

PARCEL-POST ZONE RATES WITHIN THE UNITED STATES

Zone	Distance from N. Y. City	1st lb. or fraction	Additional lb. or fraction	Postage for 20 lbs.	Approximate express for 20 lbs.
1st...	50 miles.....	\$0 05	\$0 01	\$0 24	\$0 25
2d...	51 to 150 miles.....	05	01	24	26
3d...	151 to 300 miles.....	06	02	44	\$0 27 to \$0 44
4th...	301 to 600 miles.....	07	04	83	45 to 50
5th...	601 to 1,000 miles.....	08	06	1 22	48 to 55
6th...	1,001 to 1,400 miles.....	09	08	1 61	62 to 75
7th...	1,401 to 1,800 miles.....	11	10	2 01	97 to 1 10
8th...	Over 1,800 miles.....	12	12	2 40	1 30 to 1 68

Maximum weight, 50 lbs. to 1st and 2d zones, and 20 lbs. from the 3d zone upward.



Boddington's Mixture for Shady Lawns

LAWN GRASS SEED

The "Lenox Formula." This mixture is composed of fine-leaved, dwarf-growing grasses, all of the highest quality re-cleaned seed. With proper preparation of the soil before sowing it will produce a rich, velvety lawn in six to eight weeks, which will remain green throughout the year. This mixture has produced some of the most famous lawns in the United States. We recommend sowing early in spring, or from middle of August to middle of September, five bushels of seed to the acre, or for renovating old lawns, one to two bushels. One pound of seed will sow 250 square feet; one bushel 5,000 square feet. **Our bushel contains twenty (20) pounds of re-cleaned grass seed. Many low-priced grass seed mixtures weigh only fourteen (14) pounds to the bushel, which will indicate a large proportion of chaff, while some seedsmen make a point of the fact that their lawn grass mixture weighs twenty-five (25) pounds to the bushel, which indicates an undue proportion of the coarser grasses.** Price, lb. 35 cts., 10 lbs. \$3, per bus. of 20 lbs. \$5.50, 10 bushels (200 lbs.) \$50.

BODDINGTON'S CENTRAL PARK MIXTURE. A mixture of grasses peculiarly suited to take firm hold and grow quickly. Makes a lawn in four to five weeks. The best time to sow is very early in spring, but seed may also be sown in August and September. Price, lb. 25 cts., 10 lbs. \$2.25, bus. (20 lbs.) \$4.

BODDINGTON'S SPECIAL "PUTTING-GREEN." The finest low-growing grasses are contained in this mixture, producing a lasting green turf that will withstand hard wear and tear. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S FAIR-GREEN LAWN GRASS. For the golf-links. Price, bus. (20 lbs.) \$5.50, 10 bus. \$50.

BODDINGTON'S "TERRACE MIXTURE." A mixture of strong, deep-rooted grasses for banks and terraces that will prevent washing away during heavy rains. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S MIXTURE FOR SHADY LAWNS. A mixture of fine grasses for growing in the shade and under trees. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S LAWN GRASS FOR THE SOUTH. A mixture of grasses that stand extremes of heat and drought well, and that are therefore peculiarly adapted for southern lawns. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S SEASHORE GRASS. A mixture of fine grasses peculiarly suited to seaside lawns. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

BODDINGTON'S TENNIS-COURT LAWN GRASS. A mixture of extra-fine grasses, peculiarly adapted for tennis-courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with trampling. Price, lb. 50 cts., 10 lbs. \$4, bus. (20 lbs.) \$7.50.

N. B.—We shall be pleased to make special mixtures for particular purposes or to suit exceptional conditions of soil, situation or climate. We invite consultation about any difficulties experienced in getting the right turf for any purpose or any place.

BODDINGTON'S ENGLISH GRASSES FOR GOLF-GROUNDS

To meet the demand for English putting-green and fair-green mixtures, we have had prepared, by one of the highest English authorities on golf and grasses, formulas in accordance with the British idea of what these mixtures should consist of. These grasses have been used for years on the leading golf-courses in the British Isles and to some extent in the United States with complete satisfaction, where provision is made for watering the greens.

BODDINGTON'S ENGLISH PUTTING-GREEN FORMULA. Per lb. 60 cts., 10 lbs. \$4.50, bus. (20 lbs.) \$8.50.

BODDINGTON'S ENGLISH FAIR-GREEN FORMULA. Per bushel (20 lbs.) \$6.50, 10 bus. (200 lbs.) \$60.

For large quantities write for quotations. For Lawn Mowers, power, horse, or hand; Fertilizers, Worm Eradicators and all other requisites for Lawns or Golf-Links, see list of Implements and Sundry Garden Requirements.

GRASS SEEDS

Grass Seeds are sold in the trade by sample, and each sort is divided into three or four grades of quality, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds offered by us are in every case the VERY HIGHEST GRADE. We do not carry the lower grades, but can quote, if requested. Prices subject to change without notice. Special quotations on large quantities.

	Lb.	rolbs.	100 lbs.
Bermuda Grass (<i>Cynodon dactylon</i>). A very valuable grass in the warmer climates. Resists extreme drought and high temperature and grows freely on a sandy soil where other grasses will not thrive. Does not do well in the shade. Being difficult to eradicate, it should not be sown unless desired permanently. 15 lbs. to the acre. Sow in the spring.	\$0 70	\$6 50	\$60 00
Canada Blue Grass (<i>Poa compressa</i>). This is a hardy perennial grass which forms a strong turf. It adapts itself to all soils and withstands differences of soils and climate better than most other grasses. Particularly adapted to the eastern and middle states for pasture and dairy use. For a lawn grass it is of considerable value. 60 lbs. to the acre.	20	1 75	15 00
Creeping Bent (<i>Agrostis stolonifera</i>). The distinctive feature of this species is its compact, creeping, rooting stems. It is of rapid growth and spreading habit, and the stoloniferous roots form a strong, enduring turf that is positively improved by constant trampling. Being of fine texture, it is most valuable for lawns. 60 lbs. to the acre.	60	5 50	50 00
Crested Dog's-Tail (<i>Cynosurus cristatus</i>). A valuable grass for lawn or pasture; it forms an even and compact sward. Does fairly well in shade and should be a constituent of all good shade lawn mixtures. 50 lbs. to the acre.	45	4 00	35 00
English Rye Grass (<i>Lolium perenne</i>). Succeeds well in our eastern states, and adapts itself to a great diversity of soils. Produces a strong, verdant growth four or five weeks after sowing. It cures into hay having a sweet flavor much relished by cattle, and highly nutritive, especially in mixture with red clover. 60 lbs. to the acre.	15	1 25	12 00
English Rye Grass, Pacey's Strain . Somewhat superior to the regular strains of English Rye Grass and claimed to be harder. 60 lbs. to the acre.	20	1 75	15 00
Fine-leaved Sheep's Fescue (<i>Festuca tenuifolia</i>). Valuable for lawns and for pasture purposes, succeeding well even in high and dry situations and poor soils. 30 lbs. to the acre.	60	5 50	50 00
Hard Fescue (<i>Festuca duriuscula</i>). A dwarf-growing variety, succeeding well in dry situations, both for lawns and pastures. 30 lbs. to the acre.	40	3 50	30 00
Italian Rye (<i>Lolium Italicum</i>). Thrives in almost any soil; lasts only one year. Good to assist other grasses the first year. A rapid grower and good to rid land of weeds, as it quickly overtops them, preventing them from ripening. Used as a lawn grass in the South. 60 lbs. to the acre.	20	1 50	14 00
Kentucky Blue Grass (<i>Poa pratensis</i>). It is a true perennial, lasting indefinitely and improving every year. Its densely creeping root-stalks, spreading habit and smooth, even growth, fine texture and rich green color render it one of the very best grasses for lawns. It forms a close turf, starts very early in the spring, and lasts till frost. It succeeds in almost any soil—dry, rocky, sandy or gravelly, and stands long-continued dry weather and hot suns. It takes, however, two or three years to become well established, and should, therefore, be sown only in connection with other grasses. If the soil is especially suitable, it will eventually crowd these out and make the finest possible sward. It is one of our most valuable pasture grasses, very productive and nutritious. 50 lbs. to the acre.	25	2 25	20 00
Meadow Fescue (<i>Festuca pratensis</i>). Valuable for permanent pasture. It succeeds best in cold, moist, light soils, in well-drained meadows and in low valleys rich in organic matter. It should not be grown at all on warm, dry land. It does not reach its full development till the second or third year, when it far exceeds most other sorts in quantity and nutritive matter. 50 lbs. to the acre.	40	3 00	25 00
Meadow Foxtail (<i>Alopecurus pratensis</i>). For permanent pastures; rapid growth. Sow only in mixture with other grasses. 3 to 4 lbs. to the acre; if sown alone, 25 lbs. to the acre.	70	6 00	50 00
Orchard Grass (<i>Dactylis glomerata</i>). Valuable for mixtures, either for pasture or hay. It succeeds well in the shade, and is recommended for pasture in woodlands. Its tendency to grow in tussocks is diminished if sown with other grasses. 60 lbs. to the acre.	40	3 00	25 00
Red or Creeping Fescue (<i>Festuca rubra</i>). A splendid grass for light, sandy soils. Extreme drought-resister. Valuable in seeding banks and exposed locations, binding drifting sands, and is very valuable as a lawn grass for shady spots; forms a very close, durable turf, suitable for putting-greens. 30 lbs. to the acre.	40	3 50	30 00
Red-Top, Fancy Recleaned Seed (<i>Agrostis vulgaris</i>). Absolutely clean and free from chaff. A hardy, native perennial grass; does best on moist soils; it, however, accommodates itself to a variety of soils, even to dry situations, and stands our hot summers admirably. One of the best grasses for lawn or pasture. 35 lbs. to the acre.	40	3 50	30 00
Red-Top, Unhulled (<i>Agrostis vulgaris</i>). Same as the preceding. This is the seed in its natural state. Usually used in large seedings on account of its lower cost. 80 lbs. to the acre.	30	2 50	20 00
Rhode Island Bent Grass (<i>Agrostis canina</i>). This variety makes a beautiful close, fine turf, and is one of the best lawn grasses in mixture with other sorts. Adapts itself to almost any soil. 80 lbs. to the acre.	60	5 50	50 00
Rough-stalked Meadow (<i>Poa trivialis</i>). Valuable on damp soils. One of the best grasses for hay and pasture mixtures, being a splendid "bottom" grass; useful also for shaded portions of lawns. 20 lbs. to the acre.	50	4 75	45 00
Sand or Mat Grass (<i>Ammophila arundinacea</i>). Valuable on the seashore, canal and railway banks, etc. Sow in the spring. Should be used in mixture with Sea Land Lyme Grass (<i>Elymus arenarius</i>). 60 lbs. to the acre.	75	6 50	60 00
Sea Land Lyme Grass (<i>Elymus arenarius</i>). Valuable on seashore, canal and railway banks, etc., and should be used in mixture with Sand or Mat Grass (<i>Ammophila arundinacea</i>). It is of no agricultural value. 65 lbs. to the acre.	75	6 50	60 00
Sheep's Fescue (<i>Festuca ovina</i>). This grass prefers dry uplands and thrives in poor, shallow, gravelly soils where other grasses would fail. In pasture mixtures on high and dry soils it is especially valuable. 35 lbs. to the acre.	40	3 50	30 00
Sweet Vernal, True Perennial (<i>Anthoxanthum odoratum</i>). For meadows its chief merit is the fragrant odor which its leaves emit when partially dried—the odor of new-mown hay—thus sweetening the hay. Sow 2 to 3 lbs. to the acre in mixture with other grasses.	1 00	9 00	85 00
Tall Fescue (<i>Festuca elatior</i>). This grass is very productive, of long duration and one of the best for hay and pasture. It is not suitable for lawns. 50 lbs. to the acre.	55	5 00	45 00
Tall Oat Grass (<i>Avena elatior</i>). Valuable for pastures on account of its early and luxuriant growth, which also continues late. It is much relished by cattle. For hay it may be cut twice a year. Very valuable, also, for the southern states. 50 lbs. to the acre.	40	3 50	30 00
Timothy, or Herd's Grass (<i>Phleum pratense</i>). On moist, loamy and clayey soils, it produces a larger crop of hay than any other grass. It is not so well suited for light and sandy soils. It should be cut when flowering as, if left later, the hay becomes hard and coarse. Timothy hay is very nourishing and can be preserved for a long time. It is often sown with red clover, and the nutritive value of the hay is greatly increased by this mixture. It is not suitable for permanent pasture, as in the course of a few years it disappears. 45 lbs. to the acre.	15	1 40	13 00
Various-leaved Fescue (<i>Festuca heterophylla</i>). A very early, hardy perennial, thriving best in cold, moist soils, rich in humus and potash. Its production of root-leaves makes it an excellent bottom grass both for hay and pasture mixtures. It grows well in the shade and is recommended for shaded lawns in mixture with other grasses. 50 lbs. to the acre.	45	4 00	35 00
Wood Meadow Grass (<i>Poa nemoralis</i>). Furnishes a fine, succulent herbage, much relished by cattle, its chief recommendation is its special fitness for shaded places in lawns where other grasses will not grow; it makes a good turf, and should be included in all good putting-green mixtures. 40 lbs. to the acre.	60	5 50	50 00

Quantities given above to sow to the acre are the minimum, and should be increased if the soil is poor

Grasses for Permanent Pasture and Hay Crops

It is a self-evident fact that land sown with grasses, especially selected for their suitability to the soil on which they are to be grown produce much larger and more satisfactory crops than when only one or two varieties of grasses and clovers are used. Some grasses do best on high ground and in dry weather; others prefer plenty of moisture; some mature early, others late. Formulas for seeding grass land have been subjects of much study and investigation with us for many years. We recommend the following, which have given almost universal satisfaction. The quantities given are the minimum and may be increased to advantage, depending on the fertility of the soil.

We are always glad to make up special mixtures and answer inquiries relative to grasses for different purposes, and for sowing on various soils under varying climatic conditions.

Clover seed should be sown separately, as it is heavier than grass seed and is likely to settle at the bottom of the bag in transit; in consequence it is likely to be sown unevenly.

Clovers in their young state are tender north of New York City, and should therefore be sown in the spring in such localities.

PERMANENT MIXTURES FOR HAY CROPS FOR ONE ACRE

FOR GOOD SOILS, COOL AND MOIST

17	lbs. Timothy.
5	" Red-Top.
3	" Orchard Grass.
5	" English Perennial Rye Grass.
1	" Meadow Foxtail.
2	" Tall Oat Grass.
2	" Hard Fescue.
2	" Sheep's Fescue.
1½	" Italian Rye Grass.
1	" Various-leaved Fescue.
½	" Perennial Sweet Vernal.
40 lbs. per acre, \$9	

FOR HIGH, DRY SOILS

15	lbs. Timothy.
5	" Red-Top.
7	" Orchard Grass.
4	" Tall Oat Grass.
3	" Hard Fescue.
3	" Sheep's Fescue.
1	" Sheep's Fescue, Fine-leaved.
1	" Rough-stalked Meadow Grass.
1	" Crested Dog's-tail.
40 lbs. per acre, \$9.50	

FOR WET SOILS

12	lbs. Timothy.
5	" Rhode Island Bent.
5	" Red-Top.
5	" Orchard Grass.
5	" Perennial Rye Grass.
2	" Italian Rye Grass.
2	" Tall Oat Grass.
1	" Various-leaved Fescue.
2	" Meadow Fescue.
1	" Tall Fescue.
40 lbs. per acre, \$9.50	

MIXTURES FOR PERMANENT PASTURES FOR ONE ACRE

FOR GOOD SOILS, COOL AND MOIST

8	lbs. Timothy.
5	" Red-Top.
4	" Orchard Grass.
5	" English Perennial Rye Grass.
3	" Sheep's Fescue.
1½	" Hard Fescue.
2	" Meadow Fescue.
2	" Tall Oat Grass.
2	" Meadow Foxtail.
7	" Kentucky Blue Grass.
½	" Perennial Sweet Vernal.
40 lbs. per acre, \$9.50	

FOR DRY SOILS

10	lbs. Timothy.
5	" Creeping Bent.
5	" Orchard Grass.
3½	" Tall Oat Grass.
2	" Hard Fescue.
4	" Sheep's Fescue.
1	" Sheep's Fescue, Fine-leaved.
1	" Meadow Foxtail.
½	" Perennial Sweet Vernal.
8	" English Perennial Rye Grass.
40 lbs. per acre, \$9.50	

FOR WET SOILS

10	lbs. Timothy.
4	" Red-Top.
10	" Kentucky Blue Grass.
4	" Orchard Grass.
7	" English Perennial Rye Grass.
1	" Meadow Fescue.
1	" Tall Fescue.
1	" Meadow Foxtail.
1	" Rough-stalked Meadow Grass.
1	" Various-leaved Fescue.
40 lbs. per acre, \$9	

Remember, the quantities given above are the minimum, and should be increased if the soil is poor

Any of the above formulas supplied in small quantities at lb. 35 cts., 10 lbs. \$3, 20 lbs. \$5.50

Ten pounds of mixed Clover seed, sufficient for one acre in conjunction with the above formulas, \$4.

CLOVERS

Prices on Grass and Clover seed subject to change without notice. Our Grass and Clover seeds are the very finest, purest re-cleaned seed. We do not carry the cheaper grades, but will quote prices on application

Alfalfa, or Lucerne (*Medicago sativa*). Requires well-drained land, an abundance of lime in the soil and inoculation with the Alfalfa bacteria. Given these three essentials, it can be grown anywhere in the United States. It should be sown alone (about the same time as oats are sown in this section) in thoroughly prepared, deeply plowed soil, at the rate of 20 to 25 pounds to the acre. It is also successfully sown as late as August and up to the middle of September in more southerly localities. The crop should be cut when the plant is coming into bloom. In suitable soil it is perennial, and several crops may be cut every year. Height, 1 to 3 feet. Lb. 30 cts., 10 lbs. \$2.75, 100 lbs. \$25.

Turkestan Alfalfa. Imported from Turkestan. It is said to be hardier and more productive than the ordinary variety, and to withstand drought better. Lb. 35 cts., 10 lbs. \$3, 100 lbs. \$27.50.

Alsike, or Hybrid (*Trifolium hybridum*). A perennial, 1 to 3 feet high, succeeding best in cold and stiff soils, and in marshy lands which are too wet for other species. It grows well in the far North and in high altitudes, and will withstand severe cold. A good honey plant for bees. 15 lbs. to the acre. Lb. 35 cts., 10 lbs. \$3.25, 100 lbs. \$30.

Bokhara, or Sweet (*Melilotus alba*). A most valuable sort for silaging. It grows 3 to 5 feet high, and if sown in rich soil may be cut three times; lasts two or more years if cut before flowering; good for silage and bees. 15 lbs. to the acre. Lb. 50 cts., 10 lbs. \$4.50, 100 lbs. \$40.

Crimson, or Scarlet (*Trifolium incarnatum*). Erect annual, 1 to 2 feet high, with bright scarlet flowers. A native of southern Europe, it is largely grown in our southern states for improving the soil by turning under. It will not stand severe frost, and cannot be depended upon to stand the winter north of New Jersey. It is a valuable crop for pasture or green manure. For hay it should be cut when in full bloom. Sow 20 lbs. to the acre. Lb. 25 cts., 10 lbs. \$2, 100 lbs. \$18.

Red, Medium (*Trifolium pratense*). One of the most valuable farm-crops of the eastern states for pasture, hay, or for turning under for green manure. It requires a deep, rich soil, and yields two hay crops in the season. In this section, sow in the spring at the rate of 15 lbs. to the acre. Lb. 35c., 10 lbs. \$3.25, 100 lbs. \$30.

Mammoth Red, or Pea Vine (English Cow Grass). Grows larger and lasts longer than the common Red Clover; valuable for plowing under. 10 lbs. to the acre. Lb. 50 cts., 10 lbs. \$4, 100 lbs. \$35.

White (*Trifolium repens*). Some White Clover is usually included in lawn-grass mixtures. It is of dwarf habit, spreads rapidly and is very hardy. It is valuable in permanent pastures, being sweet and nutritious. Sow in spring. In mixtures, 1 or 2 lbs.; if alone, 8 to 10 lbs. to the acre. Lb. 70 cts., 10 lbs. \$6.50, 100 lbs. \$60.

The Clover and Grass seeds offered by us exceed in purity and germination all the stringent requirements of the law of the state of New York.

FLOWER SEEDS

The Best Novelties of
Recent Introduction

(RAISERS' DESCRIPTIONS)

IN ORDERING FLOWER SEEDS, THE NUMBER FOLLOWING THE VARIETY WILL BE SUFFICIENT

Alyssum Benthamii compactum lutescens.

2119. HA. This new variety differs essentially from other Alyssums by the yellowish colored, large flowers of its strictly upright lower-spikes. Pkt. 20c., 6 pkts. \$1.

Antirrhinum, New Giant.

Cerberus. 2180. HHP. The largest - flowered snapdragon extant. Color, rich, deep carmine-rose with yellow lip and white throat, making a splendid combination. Pkt. 25 cts., 5 pkts. \$1.

Aquilegia, Mrs. Scott

Elliott's Strain of Long-

spurred Hybrids.

2286 HP. The seed is saved from selected plants only, chosen either for size, form or delicacy of coloring. The colors are distinct shades of white, lavender, salmon, mauve, pink, yellow, etc. Pkt. 25 cts., 5 pkts. \$1.

Aster, Giant Hohenzol-

ern, Coppery Scarlet.

3431. HA. The enormous flowers measure about 6 to 7 inches in diameter, are borne on strong and long stems, and the very long petals are curled and twisted. Most suitable for exhibition, also valuable for cutting, where largest blooms of Asters are required. Pkt. 25c., 5 pkts. \$1.

Aster, Victoria, Toison

d'Or (Golden Fleece).

2510. HA. This variety was "Highly Commended" by the R. H. S., in their trials at Wisley last season. The flowers are bright yellow, superior in depth of color to any other yellow Aster. Pkt. 20 cts., 5 pkts. \$1.

Calceolaria, The Bronze Age.

3808. HHP. This variety comprises deep red-mahogany-bronze, some light, others dark, ranging between crimson and bronze, softened to a warm purplish-tint, the apex of the pouch in some instances being deep yellow. The Bronze Age is of robust constitution, very free-flowering and makes a charming contrast when planted with the white Calceolaria Veitchii. Pkt. \$1.

Carnation, Giant

Marguerite.

Golden Yellow.

2919. HP. A valuable addition to this popular class of Carnations, obtained by continued selection. The flowers are well formed, pure yellow, and are borne on long, stout stems; an invaluable variety for cutting. Pkt. 20 cts., 6 pkts. \$1.



Cyclamen, "Eileen Low"



Eschscholtzia, Orange King

Coleus hybridus, Rococo.

3085. HHA. The leaves, starting from a broad base, run out into points and are covered with blisters toward the margins. The green and golden yellow designs, which prevail on the margins, appear on white ground and therefore look plastic, and this gives a peculiar charm to the plant. As a pot-plant, as well as on borders, the *Coleus hybridus* "Rococo" will attract attention. Pkt. 35 cts., 3 pkts. \$1.

Cosmos, Slocombe's Mid-

summer Giants.

3110. HA. This handsome novelty contains art shades of pink and pure white. It sown early, will bloom continuously from August until cut down by frost. Flowers are of large size and come in great profusion, borne on long, strong stems; are fine for cutting, as they will last a long time in water. We strongly recommend this sterling novelty. Pkt. 20 cts., 6 pkts. \$1.

Cyclamen, "Eileen Low."

3143. HHP. The most extraordinary break which has been obtained in Cyclamen since hybridists commenced to work on the original variety from Persia. The color is a lovely shade of pink (Rose du Barri), a tone of color which so appeals to those of esthetic taste; but the great attraction lies in the distinct bluish-white margin and bluish-white crest on each petal, which, on account of the great contrast gives an attractiveness found in no other Cyclamen; both lovely and unique. The plants

are good growers and free flowering. See illustration this page. Pkt. 75 cts., 3 pkts. \$2.

Dahlia, New Collarette.

3161. HA. These Dahlias promise to eclipse all others. Wherever shown, they have caused intense interest. As cut-flowers they are much superior to ordinary singles, lasting double the time in water. The ground-colors range through all shades of crimson, scarlet, rose, pink and white, while the "collars" are usually yellow, primrose or white. Sow in January or February in heat, and treat afterward as Dahlias propagated from cuttings. The plants will bloom from July until cut down by frost. Pkt. 20c., 6 pkts. \$1.

Eschscholtzia.

"Orange King."

3304. HA. In this new selection of Eschscholtzia we claim to have a variety producing the largest flower of any yet introduced, the flowers measuring 2½ to 3 inches in diameter. The flower is of a deep orange-yellow color. A most vigorous grower. Pkt. 25 cts., 5 pkts. \$1.

Heliotrope Rosalinde. 3509. HHP. Supersedes all existing varieties by its great size and rich color, which is violet-red, tending to pink. Deliciously perfumed. Pkt. 35 cts., 3 pkts. \$1.

LUPINUS POLYPHYLLUS, NEW HYBRIDS

Recently introduced by Messrs. Barr & Sons, London, these beautiful strains attracted considerable attention wherever shown.

ATTRACTION. 3765. Long spikes of bright purple flowers, with white; very showy. Pkt. 30 cts., 4 pkts. \$1.

BLUE CLOUD. 3766. Long spikes of soft lavender-blue flowers, with upper petals shaded rose. Pkt. 30 cts., 4 pkts. \$1.

CHAMELEON. 3767. Spikes $1\frac{1}{2}$ to 2 feet long; flowers opening blue and yellow, and changing to blue and white. Pkt. 30 cts., 4 pkts. \$1.

DAINTY. 3768. Spikes 2 feet long; flowers silvery white, changing to rose. Pkt. 50 cts.

DUSKY PRINCE. 3769. Handsome, dark violet-purple. Pkt. 50 cts.

EASTERN QUEEN. 3770. Flowers blush, shaded sky-blue, upper petals yellow, shot rose; very beautiful. Pkt. 30 cts., 4 pkts. \$1.

ENCHANTRESS. 3771. Flowers soft blue, upper petals shaded rose; pretty. Pkt. 25 cts., 5 pkts. \$1.

EXCELSIOR. 3772. Long, handsome spike; flowers brilliant, rich mauve. Height 3 feet. Pkt. 30 cts., 4 pkts. \$1.

GLOW-WORM. 3773. Flowers mauve and yellow, produced on long spikes. Pkt. 50 cts.

LADY DIANA. 3774. Long spikes, flowers opening yellow, with deep blue keel, and then turning to white. Pkt. 30 cts., 4 pkts. \$1.

NELLIE. 3775. Spikes $1\frac{1}{2}$ to 2 feet long; flowers white and rose; pretty. Pkt. 30 cts., 4 pkts. \$1.



Sweet Pea, "Jean Ireland." See page 38



New Giant Marsh

Mallow. See page 37.

LUPINUS POLYPHYLLUS, NEW HYBRIDS, continued

OPHIR. 3776. Flowers soft blue, with rose-lilac, upper petals changing to a purple-red. Pkt. 25 cts., 5 pkts. \$1.

ROSY GEM. 3777. Soft rose, passing to a deeper shade. Pkt. 30 cts., 4 pkts. \$1.

SOUTHERN BELLE. 3778. Silvery upper petals opening white and changing to soft mauve. Pkt. 30 cts., 4 pkts. \$1.

TAPLOW PURPLE. 3779. Immense spikes of rich, glowing purple flowers; very handsome. Pkt. 50 cts.

THE BRIDE. 3780. Soft primrose, shaded delicate rosy peach. Pkt. 30 cts., 4 pkts. \$1.

YELLOW BOY. 3781. Long spikes of soft yellow flowers, shaded buff. Pkt. 30 cts., 4 pkts. \$1.

ZULU. 3782. Large spikes of very deep blue flowers; handsome. Pkt. 50 cts.

CHOICE MIXED NEW HYBRIDS. 3783. Pkt. 25 cts., 5 pkts. \$1.

LUPINUS ARBOREUS, NEW HYBRIDS

All delicately scented.

BRIDESMAID. 3737. White and yellow, changing to rose. Pkt. 25 cts., 5 pkts. \$1.

DOROTHY. 3738. Spikes 15 inches long, of clear blue-and-white flowers. Height $3\frac{1}{2}$ feet. Pkt. 30 cts., 4 pkts. \$1.

IRENE. 3739. Beautiful spikes of primrose-yellow flowers, shaded rose; buds rose-colored. Pkt. 50 cts.

MILKMAID. 3740. White and primrose-yellow, changing to rose. Height 4 feet. Pkt. 30 cts., 4 pkts. \$1.

PRIMROSE DAME. 3741. Long sprays of soft primrose-yellow flowers. Pkt. 25 cts., 5 pkts. \$1.

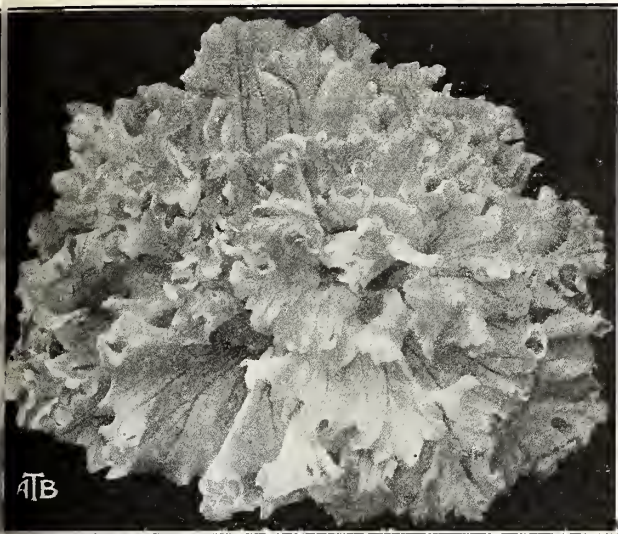
SEAGULL. 3742. Beautiful primrose-yellow. Pkt. 30 cts., 4 pkts. \$1.

SOMERSET. 3743. Long sprays of bright, pure yellow flowers. Height 4 feet. Pkt. 25 cts., 5 pkts. \$1.

SUNSET. 3744. Flowers opening golden yellow, passing to bronzed; very free. Pkt. 25 cts., 5 pkts. \$1.

YELLOW GEM. 3745. Fine, clear yellow; handsome. Pkt. 30 cts., 4 pkts. \$1.

CHOICE MIXED HYBRIDS. 3746. Pkt. 25 cts., 5 pkts. \$1.



Petunia flore-pleno semifera

Lobelia hybrida, Sapphire. 3711. HHA. This new trailing variety is of remarkably strong growth; the flowers are unusually large for a Lobelia, measuring 4 inch across, and are thickly set on the long, graceful sprays of foliage; color of flowers intense deep blue, with large and clearly defined white eye. A well-grown plant covered with these lovely blue oculat flowers makes a splendid sight. Pkt. 20 cts., 3 pkts. 50 cts.

Marsh Mallow, New Giant-flowering (Hibiscus). 3536. HP. A wonderfully improved form of our greatly admired native Marsh Mallow or Rose Mallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings have also been greatly intensified, comprising rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; can be recommended for plantings of all kinds, and are perfectly hardy, and if sown early will produce plants that will flower the first year. See illustration on page 36. Pkt. 15 cts., 2 pkts. 50 cts.

Myosotis alpestris elegantissima carminea. 3892. HP. Upright-growing Alpine Forget-me-not with bright carmine flowers, being the darkest of the red- or pink-flowered varieties. That this new Forget-me-not is perfectly distinct is proved by the color of the seed, which is dark gray instead of black. Pkt. 25 cts., 5 pkts. \$1.

Nigella, Miss Jekyll, Pure White. 4021. HA. Quite a new departure, the well-known Miss Jekyll Nigella, in pure white, which stands out bold against the green foliage and is a pretty contrast to the sky-blue of the original variety. A valuable addition to the annual border; most decorative for parlor and florist alike. Pkt. 20 cts., 3 pkts. \$1.

Petunia hybrida grandiflora fl.-pl. semifera. 4176. HHA. In the new *Petunia hybrida grandiflora fl.-pl. semifera* is found a race which not only produces doubles to a high percentage (70 per cent) but gives every satisfaction as to size of the flowers. The large variety of shades of the flowers, mostly fringed, is a welcome addition to the good qualities mentioned before. See illustration this page. Pkt. 75 cts., 3 pkts. \$2.

Primula malacoides superba. (Deep Rosy Pink.) 4388. HHP. A new and improved variety; flowers larger and much deeper in color than the old Malacoides. The color is deep rosy pink, a great improvement. The habit of the plant is also better than in the old variety. A first-class winter-flowering pot-plant. See illustration this page. Pkt. 50 cts., 3 pkts. \$1.25.

Primula malacoides rosea. 4387. HHP. Produces rose-colored blooms. This strain comes almost true from seed, and blooms about four months from sowing, the flowers varying in color from light rose to brightest carmine-rose. Pkt. 50 cts., 3 pkts. \$1.25.

Primula obconica grandiflora striata. 4375. HHP. The assortment of *Primula obconica* is enriched by this interesting variety. The large, nicely formed flowers of this novelty are striped carmine and pink, on lilac ground, a striking combination. The large, round umbels, borne on strong, but slender stems, are produced in great numbers. Pkt. 50 cts., 3 pkts. \$1.25.

Ricinus laciniatus. 4554. HA. Distinct new variety of Castor-oil Bean of medium height with light green, deeply cut foliage, the elegantly narrow lobes being divided nearly to the stalk. The appearance of the whole plant is very graceful. Pkt. 25 cts., 5 pkts. \$1.

Schizanthus, Compact Picotee-edged. 4556. HHA. New dwarf variety with full white flowers showing a distinct band of pink on the edge. Height 18 inches. Sow in March, for open-ground blooming, July or August for winter greenhouse flowering. Pkt. 75 cts., 3 pkts. \$2.

Schizanthus, Large-flowering Pink and White Shades. 4557. HHA. Dainty mixture of pink and white varieties. Does equally well in- or outdoors. Height 15 inches. Pkt. 50 cts., 3 pkts. \$1.25.

Schizanthus, formed one of the most imposing floral groups at the recent Horticultural Exhibition in New York. They are easily cultivated and cannot be too highly recommended for pots or conservatory.

Statice Suworowi alba. 4611. HHA. Those interested in annuals will find this charming new and distinct variety a splendid acquisition. The habit of growth is dwarf and compact, with long, candelabra-shaped sprays of pure white flowers, produced in great profusion. These, in a cut state, are very useful for decorative purposes, while the plants are equally effective for bedding or pot culture. Pkt. 30 cts., 4 pkts. \$1.

Sweet William, Giant White. 5436. HB. Really beautiful, and comes true from seed. The flowers are large and borne in splendid clusters. Pkt. 20 cts., 6 pkts. \$1.



Primula malacoides superba

NOVELTY SPENCER SWEET PEAS

The Best Introductions for 1916

Farnham Lavender 5118

Pure lavender self; very free, giving mostly four flowers; well placed on fine long stems. Pkt. 25 cts., 5 pkts. \$1.

Fiery Cross 5120

(Burpee)

Fiery Cross has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading, and which scintillates and glitters in bright sunlight, thus adding a glowing fire-like sheen which radiates over the flower. Unlike most of the orange-scarlet varieties, it does not scorch or burn even during extended periods of intense sunshine, therefore it can be grown in all soils without shading. The beautifully waved and fluted flowers are borne freely in threes and fours, well placed on long, stout stems. Awarded Silver Medal, N. S. P. S., 1915. Pkt. 25 cts., 5 pkts. \$1.

Hilary Christy 5154

Standard frosted orange-cerise with crenulated fiery scarlet edge, wings rosy carmine, keel delicate fawny lemon; its rich though subdued colorings are very chaste and refined. The plant is strong-growing and very free-flowering, producing its large, beautifully shaped flowers on long, strong stems. Pkt. 25 cts., 5 pkts. \$1.

Jean Ireland 5170

(Dobbie)

A large flower of great refinement. The color is creamy buff, the fine broad standard and wings being beautifully edged and shaded with carmine-rose. This variety will certainly take first place in the picotee-edged (cream ground) section. It is a fine free grower, and gives abundance of four-bloom sprays fitted for the keenest competition or the most artistic table decoration. See illustration, page 36. Pkt. (20 seeds) 30 cts., 4 pkts. \$1.

May Day 5222

(Stark)

Lovely deep sky-blue self; large flowers, carrying four blooms on stem. Fine for exhibition. Pkt. 25 cts., 5 pkts. \$1.

The Lady Eveline 5342

(Malcolm)

A grand new rosy mauve Sweet Pea, ideal for all purposes. It is bound to be the mauve of the show bench. Its great size and lovely color are enhanced by the perfect placing of the flowers, which are duplex in character. No variety equals it for a massive vase. It resists bad weather, and four-bloomed sprays are common. For garden decoration the rows or clumps are covered with huge blooms, and growers are recommended not to plant out too thickly. The Lady Eveline Miller, on visiting the raiser's garden, singled it out as her prime favorite, and specially asked that the above name be given to it. Pkt. 30 cts., 4 pkts. \$1.

White Perfection 5362

An extra-large white of good substance; strong grower; flowers exceptionally waved. Throws fours freely, and in some cases five and six flowers to a stem; a really good white variety. Pkt. 25 cts., 5 pkts. \$1.

The President 5344

(Dickson)

The intensely rich and dazzling orange-scarlet color of the flower equals in brilliance the Oriental Poppy. The plant is very robust, producing freely flower-stems 16 to 18 inches long, carrying four perfectly placed flowers of largest size and true Spencer form. Both for exhibition and garden decoration The President is the most striking and valuable addition to Sweet Peas that has been offered in recent years. Pkt. 25 cts., 5 pkts. \$1.



Sweet Pea,
"The Lady Eveline"

COLLECTION: ABOVE 8 VARIETIES, \$2; THREE COLLECTIONS, \$5.50

BODDINGTON'S GENERAL LIST OF QUALITY FLOWER SEEDS

Flower Seed Novelties for 1916 are listed on pages 35 to 38

The following Flower Seeds, given in alphabetical order, are a selection of the best varieties for United States and Canadian gardens. No expense has been spared to secure the best exhibition strains, and to those who are not already using our Flower Seeds, we have every confidence in recommending them. Our seeds have a world-wide reputation for Quality and Purity.

All Flower Seeds are prepaid by **parcel post** or **express** to any address in the **United States and Canada**, when cash accompanies order.

Annuals attain full growth from seed, flower, and die within one year.

Biennials sometimes bloom the same season, if sown early, but they generally bloom and die the following year.

Perennials last for several years, blooming annually after the first season, though some varieties bloom the first season if sown early in rames.

THE FOLLOWING ABBREVIATIONS ARE USED THROUGHOUT THE FLOWER SEED DEPARTMENT

HA., Hardy Annuals
HHA., Half-hardy Annuals
TA., Tender Annuals
HP., Hardy Perennials

HHP., Half-hardy Perennials
HB., Hardy Biennials
HHB., Half-hardy Biennials
HC., Hardy Climber

GS., Greenhouse Shrubs
GB., Greenhouse Bulbs
GC., Greenhouse Climbers
GP., Greenhouse Plant

Cultural directions are printed on all packets

PLEASE ORDER FLOWER SEEDS BY NUMBER

ABRONIA. HHA. 6 inches. A beautiful trailer, with clusters of sweet-scented flowers.....	Pkt.	Oz.
Fragrans. 2001. Waxy yellow.....	\$0 10	\$0 25
Umbellata. 2002. Rosy lilac.....	10	50
ABUTILON HYBRIDS. 2008. GS. Flowers large, in a great variety of colors, including White, Yellow, Pink, Crimson, Variegated and Mixed. 3 to 4 feet. Each.....	25	25
ACACIA, Mixed. 2014. GS. 6 feet.....	10	10
ACANTHUS latifolius (Bear's Breech). 2020. HP. 2 feet. Purple. August and September.....	10	10
Mollis. 2021. HP. 1 foot. Rose. August and September...	10	10
ACHILLEA Millefolium purpurea (Rosy Milfoil). 2026. HP. 1½ feet. Rose. June.....	10	10
Parmica fl.-pl., "The Pearl." 2027. HP. 2 feet. White. July.....	10	10
ACONITUM Napellus (Monk's Hood, or Helmet Flower). 2033. HP. 3 feet. Dark blue. August and September...	10	10
Pyrenaicum. 2034. 3 feet. Yellow. August and September.	10	10
Wilsoni. 2035. 4 to 5 feet. Pale blue. October.....	25	25
ACROCLINIUM. HHA. Beautiful everlasting. Pkt. Oz.		
Album. 2041. Single; pure white.....	\$0 05	\$0 25
Album flore-pleno. 2042. Double; white.....	05	25
Roseum. 2043. Single; bright rose.....	05	25
Roseum flore-pleno. 2044. Double; rose.....	05	25
Finest Mixed. 2045.....	05	20
ACTÆA spicata (Baneberry). 2051. HP. 3 feet. White. June.....	10	10
ADENOPHORA Potaninii (Bellflower). 2056. HP. 1½ feet. Light blue. July to September.....	10	10
ADONIS æstivalis. 2061. HA. 1 foot. Green, feathery foliage with scarlet flowers.....	10	25
Autumnalis. 2062. HA. Crimson, dark eye.....	10	25
Vernalis. 2063. HP. Large, yellow blossoms.....	10	75
AGATHEA cœlestis (Blue Marguerite). 2068. HHP. 10		

AGERATUM MEXICANUM HA

Album. 2074. White. 2 feet.....	Pkt.	Oz.
Blue. 2075. 2 feet.....	\$0 10	\$0 50
Blue Perfection. 2076. Very fine dwarf.....	10	50
Dwarf Blue. 2077.....	10	1 00
Dwarf White. 2078.....	10	50
Little Blue Star. 2079. The tiny bushy plants do not exceed 4 or 5 inches in height, with clusters of flowers of light blue, with dark red center, changing to pure light blue.....	25	60
Little Dorrit. 2080. 6 inches. Azure-blue.....	10	75
Mauve Beauty. 2081. Large, mauve flowers; dwarf, compact, very free-flowering. A unique variety.....	10	1 00
Swanley Blue. 2082. 1 foot.....	10	75
Mixed. 2083.....	05	50

AGROSTEMMA (Rose Campion). HP. Summer. Pkt. Oz.		
Coronaria (Mullein Pink). 2089. 2½ feet. Pink... \$0 10	\$0 25	
Coronaria alba. 2090. 3 feet. White..... 10	50	
Coronaria atropurpurea. 2091. 2½ feet. Purple... 10	25	
Coronaria bicolor. 2092. 3 feet. Pink and white... 10	25	
Flos-Jovis (Flower of Jove). 2093. 3 feet. Dark pink 10	25	
Flos-Jovis alba. 2094. 3 feet. White..... 10	1 00	
Hybrida Walkeri. 2095. 3 feet. Crimson..... 10		
ALOYSIA citriodora (Lemon-scented Verbena). 2106. GS. Greenhouse evergreen, with fragrant foliage. Excellent Pkt. for outdoor planting..... \$ 10		
ALSTROEMERIA Chilensis (Chilian Lily). 2111. HHB. 2 feet. Rose, white and orange. July..... 10		



Ageratum, Mauve Beauty



Alyssum, White Gem

ALYSSUM HA and HP

Useful hardy annuals and perennials; excellent plants for the rockery or front of borders. Seed may be sown out-of-doors, or in a frame in sandy soil. Suitable also for autumn sowing.

	Pkt.	Oz.
Argenteum. 2116. HP. 1 foot. Yellow. June.....	\$o 10	
Benthami (Sweet Alyssum). 2117. HA. Fragrant white flowers.....	1/4 lb. \$1..	05 \$o 30
Benthami compactum lilacinum. 2118. New dwarf variety, with pure lilac flowers.....	3 pkts. 50c...	20
Carpet of Snow. 2120. HA.....	10	1 00
Little Gem. 2121. HA. Pretty trailer.....	10	1 00
White Gem. 2122. HA. A great improvement on Little Gem, being much more compact; for carpet-bedding.....	15	1 50
Saxatile. 2123. HP. 1 foot. Bright yellow. June....	15	1 00
Saxatile compactum (Basket of Gold). 2124. 1 foot. Yellow. June.....	15	1 25
Saxatile compactum, Sutton's Silver Queen. 2125. 6 inches. Pale lemon.....	50	

AMARANTUS. HA. Brilliant-foliaged annuals, growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the center of large beds. They thrive best in a hot, sunny location, not too rich soil, and given sufficient room to develop their full beauty.

Caudatus (Love-Lies-Bleeding). 2130. 3 feet..... 05 25

Cruentus (Prince's Feather). 2131. 2 feet..... 05 25

Melancholicus ruber. 2132. 2 feet. Blood-red.... 05 50

Salicifolius (Fountain Plant). 2133. 4 to 6 feet. Willow-shaped leaves, marked with orange-carmine and bronze..... 05 40

Tricolor splendens (Joseph's Coat). 2134. 2 feet.. 05 50

Mixed. 2135..... 05 25

AMARYLLIS Hippeastrum Hybrids. 2141. GB. The largest and finest race of Amaryllis. The flower-spikes usually carry three or four splendid, trumpet-shaped blossoms varying in color from salmon to deep crimson, generally striped and feathered with white. 3 feet..... \$o 50

AMPELOPSIS Veitchii (Boston Ivy). 2146. HP. The best hardy vine for covering brick or stone buildings, etc. oz. 50c.... 10

AMSONIA salicifolia. 2149. HP. 2 feet. Pale blue. June... 10

ANAGALLIS grandiflora (Pimpernelle). 2150. HA. 6 inches. Beautiful for rockwork or edging. Finest mixed..... 10

ANCHUSA HP and HA

	Pkt.	\$o
Barrelieri (Alkanet). 2153. HP. 2 feet. Dark blue. July....	\$o 2	
Capensis alba. 2154. HA. A pure white variety, with large forget-me-not-like flowers.....	10	
Italica. 2155. HP. Pale blue. July.....	10	
Italica, Dropmore Variety. 2156. The plant is of strong, vigorous and branching habit, producing very large, brilliant blue flowers in abundance in June and July. We consider this the finest blue herbaceous plant of recent introduction. 5 pkts. \$1..	25	
ANEMONE Apennina. 2161. HP. 6 inches. Blue. Spring..	25	
Honorine Joubert (Windflower). 2162. HP. 3 feet. Pure white. August.....	25	
St. Brigid (Irish Anemone). 2163. HP. Boddington's choice strain; choice mixed varieties; enormous blooms, the size of tulips and very striking colors.....	15	
ANTHEMIS Kelwayi (Marguerite). 2170. HP. 1 1/4 feet. Dark yellow. July.....	10	
ANTHERICUM (Hedge Flower). HP.		
Liliago (St. Bernard's Lily). 2175. 2 feet. White. May and June.....	10	
Liliastrium (St. Bruno's Lily). 2176. 2 feet. White. May and June.....	25	

ANTIRRHINUM, or SNAPDRAGON HHP

Antirrhinums, or Snapdragons, are among the most showy of flowers for summer cutting, and for winter cutting, under glass, are becoming very popular. If sown under glass during February or March, they will commence to bloom in July, and will so continue till frost. The tall or giant varieties are extremely useful for cutting, while the dwarf kinds are exceptionally adapted for borders and edging of beds of annuals or other plants. Also now grown extensively under glass for winter flowering.

Popular Recent Introductions

TALL VARIETIES

	Pkt.	\$o
NELROSE. 2181. Flowers silvery pink; recommended for culture under glass for winter-flowering; produces stems a yard long.....	4 pkts. \$1..	\$o 30
Purple King. 2183. With its immense, deep glowing purple flowers, this splendid Snapdragon will doubtless become the pioneer of a new giant class.....	3 pkts. 60c...	25
SILVER-PINK. 2184. This remarkable Snapdragon was the subject of much praise at the recent International Horticultural Exhibition, held in New York City. Its name describes it. Sold only in originator's packets... 3 pkts. \$2.75..	1 00	
Venus. 2185. A delicate pink tint that has hitherto been wanting among the tall, large-flowered Snapdragons.....	3 pkts. 60c...	25
White Double. 2186. A striking effect is produced by the long spikes covered with these beautiful, double, white flowers when used for bedding, and they are of great value as cut-flowers for vases.....	5 pkts. \$1..	25
Yellow Double. 2187. This variety bears flowers of a brilliant canary-yellow; mostly double, of large size, on long, strong stems.....	3 pkts. 60 cts...	25
Fairy Queen. 2188. Rich orange-salmon or terra-cotta, with white throat; very striking and beautiful.....	2 pkts. 25c...	15
Rose Dore. 2189. This variety is a lovely shade of salmon-shaded gold, a unique color, which lights up beautifully at night.....	2 pkts. 25c...	15
Salmon Queen. 2190. Very rich, golden rose with white throat; splendid variety... 2 pkts. 25c...	15	

Collection. 2208. One pkt. each of above 9 varieties, \$2

GIANT VARIETIES (3 feet)

	Pkt.	1/2 oz.
Brilliant. 2191. Scarlet, golden yellow and white....	\$o 10	\$o 50
Carmine. 2192. Splendid color.....	10	50
Coral-Red. 2193. Striking color.....	10	50
Crencia. 2194. Dark scarlet.....	10	50
Daybreak. 2195. Light pink, white throat.....	10	50
Firefly. 2196. Scarlet.....	10	50

GIANT ANTIRRHINUMS, continued

	Pkt.	1/4oz.
Fire King. 2197. Scarlet, with orange.....	\$0 10	\$1 00
Lilacinum. 2198. Beautiful lilac.....	10	50
Luteum. 2199. Yellow.....	10	50
Queen Victoria. 2200. Pure white.....	10	1 00
Romeo. 2201. Deep rose.....	10	50
Striatum. 2202. Finest striped varieties.....	10	50
Mixed. 2203.	10	35
Collection. 2204. One pkt. each of preceding 12 varieties, \$1		
Collection. 2206. One pkt. each of any 6 varieties, 50 cts.		

Antirrhinums, Intermediate

NEW VARIETIES. 1 to 2 ft.

AMBER QUEEN. 2220. The ground-color of this Pkt. 3 pkts. variety is canary-yellow, overlaid with chamois- pink; golden lip.....	\$0 20	\$0 50
CARMINE QUEEN. 2221. A most striking and lovely variety; a rich rose-carmine, the most pleasing and effective color yet introduced. The flowers are large and fringed.....	20	50
GOLDEN MORN. 2222. This variety may best be described as a raspberry-red and old-gold, with golden lip—a unique color; very showy, large flower.....	20	50
PINK BEAUTY. 2223. This is a fine deep old- rose, with a small yellow lip; large flower; the foliage, which is bright green, is a striking contrast to the rich colors of the flower.....	20	50
ROSY MORN. 2224. A lovely, pale rosy pink slightly paler lip, white throat.....	20	50
Collection. 2225. One pkt. each of the above 5 varieties, 75c.		



Boddington's Giant Antirrhinums

Antirrhinums, Intermediate

STANDARD KINDS

	Pkt.	1/4oz.
Black Prince. 2228. Nearly black; unique; dark leaves.....	\$0 10	\$0 50
Defiance. 2229. Fiery scarlet.....	10	1 00
Empress. 2230. Dark rose; charming color.....	10	50
Golden Queen. 2231. The finest yellow.....	10	50
Orange King. 2232. The most vivid color yet achieved in Antirrhinums, being a glowing orange-self.....	15	75
Picturatum. 2233. Blotched varieties.....	10	50
Pink Queen. 2234. A lovely shade of creamy pink.....	15	75
Queen of the North. 2235. White.....	10	50
Striatum. 2236. Finest striped varieties.....	10	50
Victoria. 2237. White and red; very fine.....	10	50
Mixed. 2238.	10	35

Collection. 2239. One pkt. each of the above 10 varieties, \$1

Antirrhinums, Tom Thumb, 12 inches

These are excellent for bedding, or as a border for the taller-growing varieties.

	Pkt.		Pkt.
Cinnabar-Red. 2245.	\$0 10	White. 2251.	\$0 10
Crimson. 2246.	10	White, Red-striped. 2252.	10
Orange. 2247.	10	Yellow. 2253.	10
Rose. 2248.	10	Yellow, Red-striped. 2254.	10
Scarlet. 2249.	10	Mixed. 2255.oz. \$1.50..	10
Striped. 2250.	10		

Collection. 2256. One pkt. each of the above 10 varieties, 90 cts.

Collection. 2257. One pkt. each of any 6 varieties, 50 cts.



Aquilegia, Rose Queen (see page 42)



Aquilegia, Boddington's Long-spurred Hybrids

AQUILEGIA (Columbine) HP

- Boddington's Erskine Park Hybrids. 2271.** Specially saved for us by a Columbine enthusiast. This mixture comprises the best novelties of recent years, producing, as it does, long-spurred flowers of the choicest colors, and if sown early will bloom the first year. Perfectly hardy. 2 pkts. 25c. \$0 15 Pkt. 1/4 oz \$1 00
- Boddington's Long-spurred Hybrids. 2273.** An excellent mixture of the long-spurred varieties. Colors extremely varied. 5 pkts. \$1. 25
- Californica hybrida. 2274.** Yellow and orange. 10 1 25
- Canadensis** (Canada Columbine). 2275. 2 feet. Yellow. Summer. 10 80
- Chrysantha. 2276.** 3 feet. Canary. Summer. 10 1 50

AQUILEGIA, continued

- Chrysantha grandiflora alba. 2277.** 3 feet. White. Summer. Pkt. \$0 10
- Cerulea** (Rocky Mountain Columbine). 2278. 3 feet. Pale blue. Summer. 15
- Cerulea candidissima. 2279.** Pure white. 15
- Glandulosa. 2283.** 2 feet. Deep blue. Summer. 25
- Helene. 2285.** 2 feet. Blue and white. Summer. 25
- Nivea grandiflora. 2287.** 2 feet. Pure white. Summer. 15
- Rose Queen. 2288.** Bears great profusion of graceful long-spurred flowers of light to dark rose, with white center and yellow anthers. 2 pkts. 50c. 30
- Rose Shades. 2289.** Long-spurred exhibition strain; very beautiful. 5 pkts. \$1. 25
- Skinneri hybrida fl.-pl. 2230.** 3 feet. Double; crimson. Summer. 25
- Stuartii. 2291.** Splendid, large flowers; handsome pale blue. 50
- Sutton's Pink. 2292.** The old-rose-pink flowers are produced in abundance; good habit. 3 pkts. \$1.50. 60
- Finest Double Mixed. 2293.** oz. \$1. 10
- ARABIS alpina. 2300.** HP. 6 inches. Pure white. 10
- ARCTOTIS grandis. 2303.** HHA. 2 feet. Large, pearly white Marguerite-like flower, with delicate mauve center, surrounded by a narrow golden band. The plant is covered with white down, and produces a striking effect in the border. oz. \$1. 10
- ARMERIA formosa** (Thrift). 2310. HP. 1 foot. Rosy pink. Spring to fall. 10
- Formosa alba. 2311.** White. 10
- Maritima. 2312.** Pink. 10
- Maritima alba. 2313.** White. 10
- ARTEMISIA argentea** (Old Man). 2315. HP. 1 foot. Silver foliage. 10
- Sacrorum viridis** (Summer Fir). 2316. This new ornamental foliage plant, introduced from China, reaches its full size in the year of sowing. It forms grand, pyramidal bushes, 3 to 5 feet high. Dark green foliage. 3 pkts. 50c. 20
- ASCLEPIAS Curassavica. 2327.** HHHP. Bright orange; very pretty. 10
- Hallii** (Butterfly Weed). 2328. HP. 3 feet. Pink. August and Sept. 25
- Tuberosa. 2329.** 4 feet. Orange. 10
- ASPARAGUS decumbens. 2333.** GP. Long tremulous branches of dark green delicate foliage. The drooping habit is very attractive in hanging-baskets. 50
- Hatcheri. 2334.** Fronds more closely placed on the vine than on Plumosus nanus. 50
- Plumosus nanus. 2336.** Beautiful fern-like foliage, extensively used for cutting purposes. 100 seeds, \$1. 25
- Sprengeri. 2337.** Used for hanging-baskets, and also for cutting. 100 seeds, 50c. 10
- ASPERULA odorata** (Woodruff). 2340. HP. 1 foot. Sweet-scented, white flowers. oz. 85c. 10
- ASPHODELUS** (King's Spear). HP. Summer.
- Albus. 2342.** White. 10
- Luteus. 2343.** Yellow. 10

A FEW POINTS ON THE GROWING OF**ANNUAL ASTERS** HA

Plants from seed sown in the open ground in May bloom finely in September and October. For July and August flowers sow in March or April in coldframe, spent hotbeds, pots or boxes in the house. If a succession of Asters is desired, Early Wonder, Queen of the Market for early, Victoria, Comet and Giant Crego for intermediate, and the Branching for late, are recommended.

It is best to never plant in the same location the second season. Give plenty of room in rows 2½ or 3 feet apart, and from 12 to 15 inches apart in the rows; the distance to be regulated by the growth of the variety planted.

Pulverized sheep manure, wood-ashes and bone meal are the best fertilizers. If stable manure is used, let it be well decomposed.

Do not cover the seed too deep. Seed may be sown broadcast or in drills, and covered with a little less than ¼ inch of soil.

Root lice or root aphids, cutworms, the Aster bug or fly and rust or yellows are the worst pests and disease that we have to contend with in growing Asters. For the root lice and cutworm, kerosene emulsion, tobacco water, wood ashes mixed with water, are all good and effective if applied around the roots. For the Aster bug or fly, sprinkle the plants with Slug-Shot.

The yellows or rust is a fungus which appears on the under side of the leaf, and is one of the worst diseases that the grower of Asters has to contend with. But this fungus can easily be held in check by spraying the under side of the plants with a solution composed of carbonate of copper, ammonia and water in the proportion of one pound of carbonate of copper, one pint of ammonia and one barrel of water. Use this preparation at once, if the fungus appears, and use every alternate day until the plants have had several applications; this will kill the fungus. The Aster blight is generally caused by the work of some of the above insects, and if at any time the plants get too badly diseased, the best thing to do is to pull them up and burn them.

Astermum. The plants grow erect, with very strong, sturdy stems, starting near the base and reaching from 18 to 24 inches. The three colors are unsurpassed. Pkt. 3 pkts.

- Lavender. 2347.** \$0 20 Pkt. 3 pkts. \$0 50
- Pink. 2348.** 20 50

- White. 2349.** \$0 20 Pkt. 3 pkts. \$0 50
- Collection. 2350.** One pkt. of each color, 50 cts.
- Collection. 2351.** Three pkts. of each color, \$1.25

ASTERS, continued

Branching Asters

This vigorous type forms broad, handsome bushes, covered with large, long-stemmed and long-petaled flowers that are very graceful.

CARLSON'S BRANCHING

Pkt.	1/4oz.		Pkt.	1/4oz.	
Crimson. 2360.	\$0 10	\$1 00	Purple. 2362.	\$0 10	\$1 00
Lavender. 2361.	10	1 00	Shell-Pink. 2363.	10	1 00
Best Branching- in this color.	10	1 00	White. 2364.	10	1 00
			Mixed. 2365.	10	1 00

Collection. 2366. One pkt. each of the above 5 varieties, 40 cts.

SEMPLE'S BRANCHING

Pkt.	1/4oz.		Pkt.	1/4oz.	
Crimson. 2371.	\$0 10	\$1 00	Upright White. 2375.	\$0 10	\$1 00
Lavender. 2372.	10	1 00	White. 2376.	10	1 00
Purple. 2373.	10	1 00	Mixed. 2377.	10	1 00
Shell-Pink. 2374.					
Best Branching Pink.	10	1 00			

Collection. 2378. One pkt. each of the above 6 varieties, 50 cts.

VICK'S BRANCHING

Pkt.	1/4oz.		Pkt.	1/4oz.	
Crimson. 2387.	\$0 10	\$1 00	Rose. 2391.	\$0 10	\$1 00
Lavender. 2388.	10	1 00	Violet. 2392.	10	1 00
Pink. 2389.	10	1 00	White. 2393.	Best	
Purple. 2390.	10	1 00	Branching White.	10	1 00
			Mixed. 2394.	10	1 00

Collection. 2395. One pkt. each of the above 7 varieties, 60 cts.

While the above collections of Branching Asters are somewhat confusing, if the selection is left to us we will select the eight most distinct and most useful varieties from the above in the following:

Collection. 2397. One pkt. each of the best 8 Branching Asters, 75c.

Dwarf Chrysanthemum-flowered

The plants grow only about 10 or 12 inches high, but the flowers are large and double, like chrysanthemums.

Pkt.	1/4oz.		Pkt.	1/4oz.	
Carmine. 2400.	\$0 10	\$1 00	Rose. 2403.	\$0 10	\$1 00
Dark Blue. 2401.	10	1 00	Scarlet. 2404.	10	1 00
Light Blue. 2402.	10	1 00	White. 2405.	10	1 00
			Mixed 2406.	oz. \$3.	10

Collection. 2407. One pkt. each of the above 6 varieties, 50 cts.



Aster, Vick's Violet King (see page 46)



Aster, Ostrich-Plume (type)

Giant Comet Asters

One of the most artistic branches of the Aster family, resembling in form, size and beauty, the Japanese chrysanthemum. Every lover of Asters should have this variety in his collection.

Pkt.	1/4oz.		Pkt.	1/4oz.	
Crimson. 2412.	\$0 10	\$1 00	White, changing to Amethyst- Blue. 2418.	\$0 10	\$1 00
Dark Blue. 2413.	10	1 00	White 2419.	10	1 00
Light Blue. 2414.	10	1 00	Yellow. 2420.	10	1 00
Lilac. 2415.	10	1 00	White Branching. 2421.	10	1 00
Peach Blossom. 2416	10	1 00	Mixed. 2422.	10	75
Rose. 2417.	10	1 00			

Collection. 2423. One pkt. each of the above 10 varieties, 75 cts.

Hohenzollern Asters

As early as Queen of Market, but flowers are twice the size. Fine for cutting.

Pkt.	1/4oz.		Pkt.	1/4oz.	
Azure-Blue. 2428.	\$0 10	\$1 00	Light Blue. 2434.	\$0 10	\$1 00
Brilliant Carmine. 2429.	10	1 00	Rose. 2435.	10	1 00
Carmine-Rose. 2430	10	1 00	Rosy Lilac. 2436.	10	1 00
Crown Prince. 2432.	10	1 00	Syringa-Blue. 2437.	10	1 00
Dark Blue. 2433.	10	1 00	White. 2438.	10	1 00
			Mixed. 2439.	10	75

Collection. 2440. One pkt. each of the above 10 varieties, 80 cts.

Ostrich-Plume Asters

The flowers are of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half-globes, resembling some of the finer Japanese chrysanthemums. The plants are of luxuriant growth attaining a height of 15 inches, each plant bearing from twenty to thirty of these magnificent flowers on long stems, which gives them an added value for cutting for vases.

Pkt.	1/4oz.		Pkt.	1/4oz.	
Crimson. 2445.	\$0 10	\$1 00	Light Blue. 2448.	\$0 10	\$1 00
Deep Blue. 2446.	10	1 00	Salmon-Rose. 2449.	10	1 00
Lavender. 2447.	10	1 00	White. 2450.	10	1 00
			Mixed. 2451.	10	75

Collection. 2452. One pkt. each of the above 6 varieties, 50 cts.

Peony Perfection Asters

The class is remarkable for the brilliant colors of its great incurved flowers.

Pkt.	1/4oz.		Pkt.	1/4oz.	
Apple Blossom. 2457.	\$0 10	\$1 00	Bright Pink. 2459.	\$0 10	\$1 00
Blood-Red. 2458.	10	1 00	Brilliant Scarlet. 2460.	10	1 00

PEONY PERFECTION ASTERS, continued

	Pkt.	1/4oz.		Pkt.	1/4oz.
Crimson. 2461....	\$0 10	\$1 00	Scarlet. 2465.....	\$0 10	\$1 00
Light Blue. 2462....	10	1 00	Snow-White. 2466...	10	1 00
Purple. 2463.....	10	1 00	Mixed. 2467..oz.	\$3..	10
Rose. 2464.....	10	1 00			

Collection. 2468. One pkt. each of the preceding 10 varieties, 75 cts.

Queen of the Market Asters

Large-flowered and very early.

	Pkt.	1/4oz.		Pkt.	1/4oz.
Crimson. 2470....	\$0 10	\$0 75	Pink. 2477.....	\$0 10	\$0 75
Dark Blue. 2471....	10	75	Red-Lilac. 2478....	10	75
Flesh-color. 2472....	10	75	Rose. 2479.....	10	75
Lavender. 2473....	10	75	Scarlet. 2480.....	10	75
Light Blue. 2474....	10	75	White. 2481.....	10	75
Light Rose. 2475....	10	75	Mixed. 2482.....	10	50
Peach Blossom. 2476	10	75			

Collection. 2483. One pkt. each of the above 12 varieties, \$1

Victoria Asters

Plants of this magnificent race bear from ten to twenty fine, beautifully reflexed flowers in an elegant pyramid about 18 inches high. The best for pot culture.

	Pkt.	1/4oz.		Pkt.	1/4oz.
Apple Blossom. 2500	\$0 10	\$1 00	Light Blue. 2506...	\$0 10	\$1 00
Azure-Blue. 2501....	10	1 00	Peach Blossom. 2508.	10	1 00
Crimson. 2502.....	10	1 00	Rose. 2509.....	10	1 00
Dark Blue. 2503....	10	1 00	White. 2511.....	10	1 00
Dark Scarlet. 2504....	10	1 00	Mixed. 2512.....	10	75
Deep Violet. 2505....	10	1 00			

Collection. 2513. One pkt. each of the above 10 varieties, 75 cts.

Giant Washington or Jubilee Asters

The flowers of this type resemble the Victoria Asters. They are however, much larger. We can recommend it to all who like a tall-growing Aster with very large flowers. A good cut-flower variety.

	Pkt.	1/4oz.		Pkt.	1/4oz.
Crimson-Scarlet. 2487.....	\$0 10	\$1 00	Peach Blossom. 2490	\$0 10	\$1 00
Dark Blue. 2488....	10	1 00	Rose. 2491.....	10	1 00
Light Lavender. 2489	10	1 00	White. 2492.....	10	1 00
			Mixed. 2493.....	10	75

Collection. 2494. One pkt. each of the above 6 varieties, 50 cts.



Victoria Asters

CHOICE ASTERS OF RECENT INTRODUCTION

Early Wonder

One of the earliest Asters in cultivation; produces large flowers of fine shape which stand well when cut.

	Pkt.	1/4oz.
Lavender. 2517.....	\$0 15	\$1 00
Pink. 2518.....	15	1 00
White. 2519.....	15	1 00

Early Branching

Blooms two weeks earlier than the Late Branching, the habit and form being similar to the parent.

	Pkt.	1/4oz.
Sample's Early Shell-Pink. 2522.....	\$0 15	\$1 00
Vick's Early Rose. 2524.....	15	1 00
Vick's Early White. 2526.....	15	1 00

Daybreak

This beautiful class originated six years ago, and has become one of the most popular Asters extant. The flowers are of great substance and last well when cut; they are borne on strong stems. We offer the following lovely colors:

	Pkt.	1/4oz.
Shell-Pink. (Original.) 2531.....	\$0 10	\$0 75
Blue (Blue Bird). 2532.....	15	1 50
Lavender. 2533.....	10	1 00
Pink (America). 2534.....	15	1 50
Rose (Rosy Morn). 2535.....	15	1 50
Salmon (Salmon King). 2536.....	15	1 50
Yellow (Lemon Drop). 2537.....	15	1 50

Collection. 2538. One pkt. each of the above 7 varieties, 75 cts.



Aster, Daybreak Pink (America)



THE GIANT CREGO ASTERS

Lavender. 2550. A beautiful shade of blue; a splendid addition to this popular branch of Asters.	Pkt.	2 pkts.	¼ oz.
	\$0 15	\$0 25	\$1 00
Pink. 2551. Beautiful soft, shell-pink color, a shade that is always admired.....	15	25	1 00
Rose. 2552. This beautiful shade is now well fixed and does not sport. Flowers very large and of fine form.	15	25	1 00
White. 2553. By the most careful and painstaking selection, this beautiful Aster has been brought to a state of perfection hitherto unknown in this type. Of free, sturdy growth, attaining a height of over 2 feet, well branched, with long, strong stems and artistic, fluffy, graceful flowers, rarely less than 4 inches across and frequently over 5 inches, as fine as any chrysanthemum. When cut, keeps longer in good condition than any Aster of this type; in bloom from mid-August on through September; color pure, glistening white.....	15	25	1 00
Violet. 2554. The addition of this rich shade completes a beautiful collection.....	15	25	1 00
Collection. 2555. One pkt. each of the above 5 beautiful varieties,.....	\$0 60		
Collection. 2557. Three pkts. each of the above 5 varieties,.....	\$1 50		

CHOICE ASTERS OF RECENT INTRODUCTION, continued

CACTUS, ROSY CARMINE. 2560. A most lovely and effective shade. The Cactus Aster blooms remarkably early and is of great value for cutting purposes. Pkt. 20 cts., 6 pkts. \$1.

CARDINAL. 2562. The color is, as its name implies, a beautiful shade of cardinal-red. One of the very best varieties for cutting purposes. Begins to bloom about the middle of August and retains its brilliant coloring for many weeks. Pkt. 15 cts., $\frac{1}{4}$ oz. \$1.

CRIMSON KING. 2564. Produces extra-large, densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border, and very desirable for cutting, the color showing up well under artificial light. Pkt. 15 cts., 2 pkts. 25 cts., $\frac{1}{4}$ oz. \$1.

FAVORITE. 2566. Color beautiful blush, changing to rich, deep pink as the flower becomes older; the petals wavily reflexed. The plants grow 18 inches high, bearing large-sized blooms of beautiful form; invaluable for cutting. Pkt. 10 cts., $\frac{1}{4}$ oz. \$1.

HERCULES, BRILLIANT ROSE. 2568. Varying in height from 16 to 20 inches, the plant throws up sturdy, thick stalks, crowned with gigantic flowers of the most perfect curled and waved chrysanthemum type. Pkt. 35 cts., 3 pkts. \$1.

HERCULES, WHITE. 2570. Immense flowers, borne on remarkably strong stalks, are all the purest white, of the genuine Hohenzollern form, with very long petals, and attain the enormous diameter of 7 inches. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts.

LADY ROOSEVELT. 2572. The flowers resemble the incurving chrysanthemums; the color is a gorgeous pink, of marvelous beauty. The mammoth growth of plant insures extra-long stems, 20 to 30 inches long is very ordinary, and the flowers are very large. Pkt. 15 cts., 2 pkts. 25 cts., $\frac{1}{8}$ oz. \$1.

MIKADO PINK, or ROCHES-TER. 2574. A Comet Aster of strong growth; flowers are exquisitely curled and produced in abundance upon long, strong stems; an admirable shade of lavender-pink. Pkt. 10 cts., $\frac{1}{8}$ oz. 75 cts.

MIKADO WHITE. 2576. Produces immense, curled and twisted flowers on long, stiff stems, resembling, at a distance, huge, ragged, Japanese chrysanthemums. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts.

MISS ROOSEVELT (Victoria) 2507. The flowers of this Aster are of a clear primrose tint, which after some time changes to a delicate flesh-color, like that of the popular Gloire de Dijon rose. A splendid cut-flower. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts.

PINK BEAUTY. 2578. A magnificent variety of strong, free, upright growth, 24 to 30 inches high, with frequently as many as fifty flowers open at one time on long, strong stems; soft, delicate blush-pink. Pkt. 15 cts., 2 pkts. for 25 cts., $\frac{1}{8}$ oz. \$1.

PURITY. 2580. One of the most beautiful of the Branching Asters. Double flowers of glistening pure white; similar to Day-break in form and habit of growth. Splendid for table decoration; lasts well when cut. Pkt. 10 cts., $\frac{1}{4}$ oz. \$1. (See illustration.)

ROYAL PURPLE. 2582. The flowers are large, with full center well covered, petals flat and incurved. Color a rich shade of royal purple. Season medium to late. Pkt. 15 cts., 2 pkts. 25 cts., $\frac{1}{4}$ oz. 50 cts.

SNOWDRIFT. 2584. Immense, feathery white flowers. The long, recurved petals give the flowers an exceedingly graceful effect, heightened in many cases by the ragged, irregular character of the petals in the center of the flower. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts.

SUNSET. 2586. The color of the flowers is a delicate shade of light pink, shading to a deep, rich pink in the center, making a beautiful combination of colors in one flower. The flowers are globe-shaped and are borne on long stems in profusion. Pkt. 15 cts., 5 pkts. 60 cts., $\frac{1}{8}$ oz. \$1.

SOUTHCOTE BEAUTY, SINGLE. 2588. One of the easiest Asters to grow and unsurpassed for cut-flowers. We offered this beautiful Single Aster in 1911 for the first time, and we are pleased to say that the results exceeded our highest expectations. The flowers have long, perfectly formed petals, with very small golden yellow centers, and are carried on stiff stems 12 to 20 inches in length. Mixed colors. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.

VICK'S AUTUMN GLORY. 2590. A new, very late Branching Aster. Pure seashell-pink; the flowers are very double and are borne on long stems. Pkt. 20 cts., 6 pkts. \$1.

VICK'S VIOLET KING. 2592. The habit is similar to the popular Vick's Branching; vigorous in growth; long, stiff stems; petals somewhat resemble the quilled varieties, but much larger and broader, completely covering the crown. In shape and size the bloom is round, full and large, many of the flowers 4 to 5 inches. Its color is a soft violet-lilac. Pkt. 10 cts., $\frac{1}{4}$ oz. \$1. (See illustration on page 43.)

Single Comet

These are becoming very popular with those of esthetic tastes, and where pretty decorative effects are desired. Flowers measure 4 to 6 inches across.

	Pkt.	$\frac{1}{4}$ oz.
Brilliant Rose. 2596.....	\$0 10	\$0 50
Light Blue. 2597.....	10	50
Light Rose. 2598....	10	50
Violet. 2599.....	10	50
White. 2600.....	10	50
Mixed. 2601.....	10	50

Collection. 2602. One pkt. each of the above 5 varieties, 40 cts.

Triumph Comet

An extremely graceful Aster, with large, loose heads, borne upon strong, long stems; vigorous, branching habit. Sold in the following attractive colors:

	Pkt.	\$0 20
Lavender. 2606.....	\$0 20	
Purple. 2607.....	20	
Rose. 2608.....	20	
Shell-Pink. 2609.....	20	
White. 2610.....	20	

Collection. 2611. One pkt. each of the above 5 varieties, 85 cts.

Be sure to include the lovely Asternum in your order.

(See page 42.)



Purity Asters

ASTERS, HARDY or PERENNIAL

Michaelmas Daisies

Very beautiful, autumn-flowering perennials, highly prized for their beautiful colors and lateness of flowering, when the Indian Summer is at its height. Seed of Michaelmas Daisy sown under glass in February produces strong plants which flower in the autumn of the same year.

	Pkt.	1/4oz.
Alpinus speciosus. 2614. 1 foot. Dark blue.....	\$0 10	
Alpinus superbus. 2615. 1 foot. Blue.....	10	\$0 50
Bessarabicus. 2616. 3 feet. Pink.....	10	75
Niveus. 2617. 3 feet. White.....	10	75
Novæ-Angliæ. 2618. 4 feet. Violet-purple.....	10	75
Novi-Belgii. 2619. 4 feet. Blue.....	10	75
Novi-Belgii, J. Wood. 2620. 4 feet. Dark blue.....	10	1 00
Novi-Belgii, Purity. 2621. 4 feet. White.....	10	1 00
Pyramidalis hybridus. 2622. 4 feet. Blue.....	10	75
Shortii. 2623. 3 feet. Lavender-blue.....	15	

Sub-caeruleus. 2624. Handsome, bright mauve, Marguerite flowers, 3 inches across, each one having the contrast of a bold orange-yellow center; borne on long, straight stems, and invaluable for cutting. 2 feet....\$0 15

Townshendi. 2626. A magnificent hardy perennial, growing about 2 feet in height, and bearing from July to October a profusion of pinkish lilac flowers from about 2 1/2 inches in diameter..... 15

ASTILBE Davidii. 2630. HP. This is a strong-growing perennial, with elegant, tufted leafage and graceful spikes of deep rose-violet or mauve-colored flowers, borne on stems 6 or more feet high..... 15

AUBRIETIA (False Wall Cress). HP. 6 inches. Early summer.	
Deltoidea grandiflora. (Trailing.) 2634. Purple.....	10
Græca (Trailing). 2635. Purple.....	10
Leichtlinii. 2636. Rosy carmine.....	10
Moerheimi. 2638. Rose.....	10

AURICULA. See **Primula**.

BALLOON VINE (*Cardiospermum*) 2700. HA. A rapid-growing climber with small white flowers.....oz. 25c... 05

BALSAM (Lady's Slipper) HHP

An old favorite for conservatory or for outdoor decoration. Very suitable for border or bedding plants; endures the dry summer wonderfully. Flowers of the most beautiful and varied colors. Height 2 feet.

	Pkt.	1/4oz.
Bright Scarlet. 2705.	\$0 10	\$0 50
Carmine. 2706.	10	50
Lavender. 2707.	10	50
Pale Yellow. 2708.	10	50
Peach Blossom. 2709.	10	50
Red-spotted White. 2710.	10	50
Rose. 2711.	10	50
Solferino. 2712.	10	50
Violet Spotted. 2713.	10	50
White. 2714.	10	50
Mixed. 2715.	10	50

Collection. 2716. One pkt. each of the above 10 varieties, 90 cts.

Collection. 2717. One pkt. each of any 6 varieties, 50 cts.

CAMELLIA-FLOWERED BALSAM

	Pkt.	1/4oz.
Primrose. 2718.	\$0 15	
White. 2719.	10	
Mixed. 2720.	10	
Rose-flowered. 2721. Choicest mixture.....	10	
Dwarf Spotted. 2722. Fine mixture.....	10	

BAPTISIA australis. 2726. HP. 2 1/2 feet. A fine, hardy perennial, producing spikes of pea-shaped blue flowers 6 inches long\$0 10 \$0 50

BARTONIA aurea. 2728. HA. 1 foot. Free-blooming and showy annual; large; golden yellow..... 05 50

Beet, Ornamental HA

CHILIAN, or BRAZILIAN. 2732. Color variable, bronzy red with broad scarlet midribs. Height 2 feet.oz. 50c...\$0 10

DELL'S CRIMSON. 2733. A small, compact-growing variety, with deep bronze-purple foliage. Excellent for ribbon borders.oz. 50c... 10

WILLOW-LEAVED. 2734. Distinct, with dark narrow leaves.1/4oz. 50c... 25

BEGONIA HHP

Boddington's Crimson Bedder. 2738. A favorite strain, with small foliage and glowing scarlet-crimson flowers; as a bedding plant this variety is worth growing for its rich russet-crimson foliage alone.5 pkts. \$2..\$0 50

Erfordi. 2739. Carmine..... 25

Fairy Queen. 2740. An exquisite Begonia, which comes absolutely true from seed, and produces charming pink flowers in the open with the greatest freedom throughout the summer and autumn months. Can be used with telling effect in beds and as an edging to long borders. Neither heat nor moisture appears to affect its beauty. Height, 10 inches. 5 pkts. \$1.. 25

Gracilis luminosa. 2741. Fiery dark scarlet flowers; reddish brown foliage..... 50

Gracilis, Mignon. 2742. Profusely covered with brilliant blooms of fiery scarlet, the effect of which is greatly improved by the prominent yellow anthers. Foliage is spotted and bordered with bronzy red..... 25

Lloydi. 2743. Beautiful for pots and hanging-baskets..... 1 00

Prima Donna. 2744. Rose and carmine. The plants grow about 10 inches high and form a freely branching bush 10 to 12 inches across, and make a free and continuous display above the fresh green, slightly brown-tinted foliage..... 25

Semperflorens. 2745. Seeds sown in February and March give fine plants for bedding out in June..... 25

Semperflorens gracilis rosea. 2746. Graceful pink variety.. 25

Snow Queen. 2747. A grand companion for the Fairy Queen. Color white. Height 10 inches..... 5 pkts. \$1.. 25

Vernon. 2748. A fine bedding sort, with rich red flowers and glossy, bronze-red foliage..... 25

Vernon grandiflora atropurpurea. 2749. Deep red..... 25

Vernon grandiflora rosea. 2750. Splendid pink..... 25

Rex. 2751. Ornamental-leaved varieties. Saved from splendid types. Choicest mixed..... 25

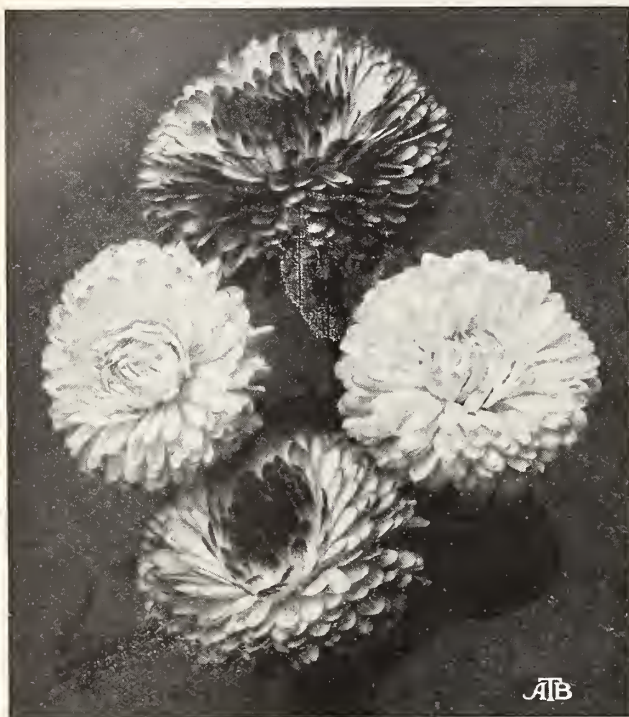
BODDINGTON'S PRIZE TUBEROUS-ROOTED

Single Mixed. 2752. All shades from deepest crimson to lightest pink, as well as orange, yellow and white. 1/2 pkt. 60c. 1 00

Double Mixed. 2753. Our seed has been saved from remarkably fine flowering plants, including all the most beautiful colors.....1/2 pkt. 60 cts... 1 00



Boddington's Quality Balsams



Monstrosus White and Rose Double Daisies (Bellis Perennis)

Bellis perennis (English Daisy) HP

Sown in January or February, will produce plants for bedding in May that will flower in July and August.

	Pkt.	5 pkts.
Crimson King. 2760. Extra-large crimson variety...	\$0 25	\$1 00
Delicata. 2761. White, with red center.....	25	1 00
Longfellow. 2762. Double rose.....	25	1 00
Snowball. 2763. Double white.....	25	1 00
The Bride. 2764. Pure white.....	25	1 00
Mixed. 2765.....	15	50
Monstrosus albus. 2766. (See illustration above).		
Giant, double, white Daisy.....	25	1 00
Monstrosus roseus. 2767. Giant, double, rose Daisy... 25	1 00	
BOCCONIA Japonica (Plume Poppy). 2770. HP. Fine foliage; spikes of creamy white flowers..... 10		
BOLTONIA asteroides (False Chamomile). Pkt.		
2775. HP. Pure white.....	\$0 10	
Latisquama. 2777. HP. Pink, slightly tinged with lavender..... 10		
BRACHYCOME (Swan River Daisy). 2780. HHA. Fine for baskets and edging... oz. \$1.. 10		
BROWALLIA. HHA. 1½ feet. Very handsome, profuse-blooming plants.		
Elate grandiflora. 2782. Sky-blue..... 10		
Speciosa major. 2783. Clear blue flowers... 25		
Finest Mixed 2784.....oz. \$1.. 10		
CACALIA coccinea (Tassel Flower). 2802. HA. Orange-scarlet flowers on long stems; height 18 inches; beautiful for bouquets and table decoration..... 10		

Calceolaria HHP

Boddington's Perfection. 2804. The herbaceous Calceolaria is an easily cultivated plant. So long as frost is excluded from the plants in winter they are perfectly safe, and to attempt to hasten growth at any time is a failure. July is the best month for sowing the seed. The great advance made in the habit of the strains offered is remarkable, whilst in the colors there is a marked improvement. Saved by England's most famous specialist, Monster flowers of rich and varied colors, including spotted, laced, blotched and self-colored varieties..... ½pkt. 6oc.. 1 00

CALCEOLARIA, continued

Boddington's International Exhibition Strain.

2805. From the finest collection of plants and varieties ever staged. We offer a limited quantity of this seed..... 3 pkts. \$5.. \$2 00

Profusa Cibrani. 2809. Of an extremely light and graceful habit, bearing its splendid, large flowers in sprays of rich golden yellow most profusely and abundantly..... 50

Rugosa, Yellow. 2810. The well-known golden yellow bedding variety; comes quite true from seed. Height 12 inches..... 50

Rugosa, Mixed. 2811. Plants can be raised from seed under ordinary frame or greenhouse treatment..... 50

Veitch's Hardy Hybrid Golden Glory. 2812. As beautiful for greenhouse decoration as for the herbaceous border, or bedding; golden yellow..... 3 pkts. \$1.25.. 50

Veitchi, White. 2813. Milk-white. Plants bear an abundance of bloom the first season, grow to a height of 3 feet and are very bushy..... 3 pkts. \$2.. 75

CALENDULA (Pot or English Marigold). HA. Extensively grown in-and outdoors; easy of culture.

Lemon Queen. 2824. Large-flowered; deep sulphur-color..... Pkt. Oz. \$0 05 \$0 25

Meteor. 2825. Double; yellow-and-orange striped.... 05 25

Pluvialis (White Cape Marigold). 2826..... 05 25

Pongei. 2827. Double, white flowers..... 05 30

Prince of Orange. 2828. Darker than Meteor..... 05 25

Pure Gold. 2829. Double, extra-large, golden yellow flowers..... 05 25

Sulphurea fl.-pl. 2830. Beautiful sulphur-yellow flowers..... 05 50

Trianon (The Royal Marigold). 2831. Bright sulphur-yellow, with dark brown center..... 05 25

Calliopsis (Coreopsis)

Easily raised and furnishes a constant supply of blooms throughout the summer.

ANNUAL VARIETIES

Atrosanguinea. 2835. Velvety crimson.....oz. 30c... Pkt. \$0 05

Drummondii (Golden Wave). 2836. Yellow and maroon.....oz. 30c... 05

Dwarf Varieties. 2837. Fine mixed.....oz. 30c... 05

Tom Thumb Beauty. 2838. Golden yellow and crimson.....oz. 30c... 10

Tom Thumb Crimson King. 2839. Height 6 to 7 inches. Rich, dark crimson flowers..... 10

Tall Mixed. 2840.....oz. 30c... 05

PERENNIAL VARIETIES

Grandiflora. 2841. Bright golden yellow.....oz. \$1.. 10

Lanceolata. 2842. Golden yellow.....oz. \$2.. 10

CALLIRHOE involuerata (Poppy Mallow). 2846. HP. A showy trailing perennial, with bright crimson, saucer-shaped flowers..... 10



Calceolaria, Boddington's Perfection

Campanula (Bellflower) HP and HB

All varieties of Campanula can be raised in any ordinary garden. They provide most interesting subjects for conservatory or garden. The blooms of all types are exceedingly beautiful.

Attica. 2850. HA. Remains in bloom for a considerable Pkt. period. Flowers violet; height 6 inches.....	5 pkts. \$1.. \$0	25
Carpatia coelestina. 2851. HP. ½ foot. Blue. Summer.....		10
Carpatia alba. 2852. ½ foot. White. Summer.....		10
Carpatia compacta. 2853. ½ foot. Blue. Summer.....		10
Carpatia compacta alba. 2854. ½ foot. White. Summer.....		10
Fragilis. 2856. HP. Of trailing habit and makes very useful plants for hanging-baskets. Flowers light blue..	3 pkts. \$1..	35
Glomerata (Clustered Bellflower). 2857. HP. 1½ feet. Deep blue. June to Aug.....		25
Glomerata alba. 2858. HP. 1½ feet. White. Summer.....		25
Lunariæfolia. 2859. HP. 1½ feet. Blue. June to Aug.....		10
Medium (Canterbury Bells). HB.		
Double Blue. 2861.....		10
Carmine-Rose. 2862.....		20
Lavender. 2863.....		10
Lilac. 2864.....		20
Rose. 2865.....		10
White. 2866.....		10
Mixed. 2867.....		10
Single Blue. 2870.....		10
Cæsia. 2871. Light blue. 1½ feet.....		10
Rose. 2872.....		10
Rosy Carmine. 2873.....		20
Striped. 2874.....		10
White. 2875.....		10
Mixed. 2876.....		10
Medium Imperialis. 2877. HB. Regular pyramidal growth, with upright flowers. Very suitable for pot culture. Choicest mixture.....	5 pkts. \$1..	25
Medium calycanthema (Cup and Saucer). 2 feet. Summer.		
Blue. 2880.....		10
Bright Rose. 2881.....		10
Carmine-Rose. 2882.....		20



Campanula Medium (Canterbury Bells)



Boddington's Giant Hyacinth-flowered White Candytuft

CAMPANULA, continued

Medium calycanthema, continued	Pkt.
Double Lilac. 2883.....	\$0 20
White. 2884.....	10
Persicifolia grandiflora. 2889. HP. 3 feet. Blue. June and July.....	25
Persicifolia grandiflora alba. 2890. HP. 4 feet. White. June and July.....	25
Persicifolia grandiflora Moerheimii. 2891. HP. 3 feet. Double white. June and July.....	50
Pyramidalis (Chimney Bellflower). 2895. HP. 3½ feet. Blue. Late summer.....	10
Pyramidalis alba. 2896. HP. 3½ ft. White. Late summer.....	10
Pyramidalis compacta, Blue. 2897. HP. Deep blue flowers of great substance.....	25
Pyramidalis compacta, White. 2898. HP. Compact habit, with pure white flowers.....	25

Candytuft (Iberis) HA and HP**ANNUAL VARIETIES**

Splendid, free-flowering, summer annuals. For color effects and for massing they are very useful; also grown extensively under glass, especially the white sorts.

Boddington's Giant Hyacinth-flowered. 2901. Pkt. Oz.	
Large, pure white, spiral spikes.....	5 pkts. \$1.. \$0 25
Empress. 2902. 1 foot. Pure white pyramidal.....	10 \$0 50
The Pearl. 2903. Pure white. Of recent introduction. The plants should be allowed plenty of room to show the full beauty of this strain.....	25
White Rocket. 2904. Large trusses.....	05 30
Umbellata albidæ. 2905. Creamy white.....	05 30
Umbellata carminea. 2906. 1 foot. Bright carmine.....	05 40
Umbellata carnea. 2907. 1 foot. Flesh-colored.....	05 40
Umbellata lilacina. 2908. 1 foot. Lilac.....	05 25
Umbellata, Queen of Italy. 2909. Light lilac; very free-flowering.....	10 50
Umbellata, Rose Cardinal. 2910. Very rich, striking color; quite distinct; deep rosy cardinal.....	15 1 50
Umbellata, Boddington's Large-flowered Hybrids. 2911. Dwarf. An excellent strain for all purposes. Plant forms a bush, dwarf and very compact, bearing four to five times as many flowers as the type, and much larger.....	10 1 00

PERENNIAL VARIETIES

Gibraltarica. 2912. HP. White and purple.....	10
Sempervirens. 2914. 1 foot. White.....	10



Boddington's Marguerite Carnations

Carnation HHP and HA

Sown in January or February, these Carnations will bloom in August and September, or if sown in July, and protected by straw or decayed leaves through the winter, they will flower profusely the following June.

BODDINGTON'S MARGUERITE MIXTURE. 2918. HHP. Pkt.

From the ease with which this fine Carnation can be flowered as an annual it has attained a popular position, and will continue to hold a foremost place in the garden. The beautiful double-fringed flowers make a brilliant display of attractive coloring in the open, and they are greatly prized for border or table decoration. Our strain produces an unusually high percentage of doubles. Height 18 inches. Mixed colors. . . . \$0 25

Marguerite, White. 2920. HHP. The only pure white Carnation coming true from seed. It is an exquisite sweet-scented double-fringed flower, invaluable for bedding or indoor decoration. Over 90 per cent of the plants produce double flowers. . . . 50

Marguerite, Yellow and Yellow Ground. 2921. HHP. A superb strain producing large blooms, which are almost as large as a Malmaison Carnation. Can be relied upon to give a large percentage of doubles. . . . 50

Chabaud Perpetual, Double. 2922. HA. Blooms in seven months. Mixed red, white and yellow. . . . 25

Riviera Market. HP. 2923. A very fine perpetual strain. Early; fine large double flowers. . . . 50

Vanguard. 2924. HA. This race of Carnations has universally pleased our customers. The great merit of this strain is that it produces an admirable form of exquisitely scented flowers within six months from the date of sowing; hence it is easy to grow the best Carnations as annuals, saving all the trouble of wintering the plants. A succession of these popular flowers can be maintained after the perennial varieties have gone out of bloom. The colors include fancy, self, bizarre and yellow grounds. Mixed colors. . . . 1/2 pkt. 90c. . . . 50

Choice Mixed. 2925. HP. Saved from one of the finest collections. . . . 50

Hardy Carnations. See *Dianthus* and *Hardy Pinks*.

CASSIA lœvigata (Wild Senna). 2930. HP. Height 3 1/2 feet. Yellow. . . . 10

Marylandica (American Senna). 2931. HP. 3 to 4 feet. Large panicles of yellow, pea-shaped blossoms. . . . oz. \$1. . . . 10

CATANANCHE cœrulea (Cupid's Dart). 2935. HP. 2 feet. Blue. July and Aug. . . . 10

Celosia cristata (Cockscomb) HHA

Crimson Exhibition. 2940. Seed selected from prize flowers Pkt. and enormous combs. . . . \$0 50
Empress. 2941. Monstrous combs of a rich, velvety crimson. . . . 25
Glasgow Prize. 2942. Dark leaves; crimson comb. . . . 25
Vesuvius. 2943. Fiery scarlet. . . . 25
Amaranth. 2946
Orange. 2947 . . . } Specially selected from exhibition flowers. . . . 50
Rose. 2948 . . . } 50
Scarlet. 2949 . . . } 50
Finest Dwarf Mixed. 2950 25

Celosia plumosa (Ostrich Plume) HHA

	Pkt.	Oz.
Thompsonii magnifica		
Crimson. 2952	\$0 15	\$1 50
Golden Yellow. 2953	15	1 50
Pink. 2954	15	1 50
Purple. 2955	15	1 50
Superb Mixture. 2956	10	1 00

Pride of Castle Gould. 2957. This grand mixture is a great improvement on Thompsonii, and is now very popular with professional and amateur gardeners alike. Contains only the most desirable shades and is, without doubt, the most beautiful *Celosia* extant. . . . 5 pkts. \$1. . . . 25



Celosia, Pride of Castle Gould

CELSIA arcturus. 2959. HHP. 18 inches. Clear yellow flowers with purple anthers. Very effective as a conservatory pot plant. Remains in flower the whole season. . . . 50

American Consular Service

MAMOURET-UL-AZIZ (HARPUT), TURKEY, October 20, 1913.

Dear Sir:—As I passed through New York, last March, I purchased a lot of flower seed and bulbs in your store and at the time, on inquiry, I was informed that your catalogues were all given away for that season. As the flowers from the seed and bulbs were such a success this summer, I am making by this another request for your seed catalogue, as I wish to make further purchases this winter for next year's gardening. Yours very truly, WM. A. MASTERSON, Consul.

Centaurea HA and HHP

The flowering varieties of *Centaurea* are the hardiest of annuals. They will bloom anywhere if planted in a sunny position. Some attractive and charming colors are offered below.

FOLIAGE VARIETIES FOR BEDDING HA

Candidissima (Dusty Miller). 2963. 1 foot. For bor- Pkt. Oz.	
ders or edgings. 1/4 oz. \$3.50	25
Gymnocarpa . 2965. Taller than the above. 10	\$2 00

FLOWERING VARIETIES HA

Americana . 2967. A most showy hardy annual. Rosy lilac. 2 1/2 feet. June to Sept. 1/4 oz. 30c.	10
Americana alba . 2968. White. 2 feet. 25	
Margaritæ . 2969. 1 1/2 feet. Flowers 2 1/2 inches across, of the purest white and delightfully scented. A garden treasure. 10	1 00
Odorata, Chameleon . 2970. Yellow and rose; very fragrant. 10	2 00
Suaevolens (Yellow Sweet Sultan). 2971. 10	60

CYANUS (Cornflower; or Bachelor's Button)

Double, Blue . 2972. 10	75
Double White . 2973. 10	75
Double Mixed . 2974. 10	50
Single, Emperor William . 2975. Blue. 05	25
Single, Victoria . 2976. Blue. 05	25
Single, Alba (White Cornflower). 2977. 05	25
Single, Rosea (Pink Cornflower) 2978. 05	25
Single, Finest Mixture . 2979. 05	25

Centaurea Imperialis (Giant Sweet Sultan) HA

This *Centaurea* represents the best that has been produced in these beautiful summer-blooming plants. The bushes are about 4 feet high, and are covered with large, beautiful flowers. It is of the easiest culture. If a packet is sown every two or three weeks until July, a constant succession of bloom can be had throughout the whole summer and fall.

Armida . 2981. Pink with white tinge. Pkt. 1/4 oz. \$0 10	\$0 35
Favorita . 2982. Brilliant rose. 10	35
Graziosa . 2983. Intense lilac. 10	35
Iphigenia . 2984. Delicate rose-lilac, white center. 10	35
Lilacina . 2985. Lilac; very distinct. 10	35
Purpurea . 2986. Purple-rose. 10	35
Rosea . 2987. Deep rose. 10	35
Splendens . 2988. Dark purple. 10	35
Variabilis . 2989. White and purple, fading to rose. 10	35
White . 2990. Extremely large and fragrant. 10	35
Mixed Hybrids . 2991. Includes all above varieties. 10	35
Collection . 2992. One pkt. each of the above 10 varieties, 90 cts.	

NEW SWEET SULTANS HA

Magnificent flowers of brilliant color; for table decoration. Pkt.

The Bride . 2993. Pure white. \$0 15	
The Brideroom . 2994. Heliotrope. 15	
The Bridesmaid . 2995. Lemon-yellow. 15	
Honeymoon . 2996. Golden yellow. 15	
Collection . 2997. One pkt. each of the above 4 varieties, 50 cts.	

PERENNIAL VARIETIES

Montana, Blue . 2998. 2 feet. Summer. 10	
Montana alba . 2999. 2 feet. White. 10	
Montana carnea . 3000. 2 feet. Flesh-color. 25	
Orientalis . 3001. 2 1/2 feet. Pale yellow. 10	
Ruthenica . 3002. 2 1/2 feet. Straw-color. 10	
CEPHALARIA alpina (Round Head). 3006. HP. 6 feet. Sulphur-yellow. July and August. 10	
CERASTIUM tomentosum (Snow-in-Summer). 3007. HP. 25	
CHELONE (Turtle-Head). HP.	
Barbata coccinea . 3008. 3 feet. Red. Summer. 10	
Barbata Lyonii . 3009. 2 feet. Deep red. Late summer. 10	
Barbata Torreyi . 3010. 3 feet. Coral-red. Summer. 10	



Types of Cornflower (Cyanus in var.)

Chrysanthemum HA and HP

There are many types in *Chrysanthemums*, and many varieties. We offer below those which we consider best for their different purposes, viz., Annuals for the borders; Greenhouse kinds, easily raised from seed; and the Maximum or hardy sorts, which are very attractive in a perennial border or as cut-flowers.

Carinatum, Northern Star . 3011. HA. Height 18 in. The glowing white of the petals, changing to the center into a soft yellow, shows up strikingly against the black disk. 4 pkts. 50c.	\$0 15
Carinatum, Silver Queen . 3012. HA. Height about 12 to 15 inches. The flowers are well formed and lasting, pure white, with a zone of clear bright yellow overlaid with silver. 4 pkts. 50c.	15
Coronarium, Primrose Gem . 3013. HA. Very dwarf and compact; 15 inches in height, covered with beautiful double well-formed flowers of a rich primrose color well adapted either for borders or pot culture. 2 pkts. 25c.	15
Inodorum (Bridal Robe). 3014. HP. Pure white, extra double, compact; fine foliage; fine for cutting. 5 pkts. \$1.	25
Frutescens, Comtesse de Chambord (Marguerite, or White Paris Daisy). 3015. GP. 10	
Japonicum fl.-pl. 3016. HHP. Japanese quilled and twisted. 5 pkts. \$1.	25

New Single Early. (Well's). 3017. HHP. One of the most interesting features in gardening is raising new seedlings, and with these singles, the bulk will turn out to be of the most pleasing color, good habits, no two alike, and every one fit for a place in the garden. 3 pkts. \$1.

TRICOLOR . HA. Pkt. Oz.	
Burridgeanum . 3018. Crimson-maroon. \$0 05	\$0 40
Eclipse . 3019. Golden bronze. 05	50
Single, Mixed Colors . 3020. 05	40
Double, Fringed, Improved Hybrids, Mixed . 3021. 05	75
MAXIMUM (Moonpenny, or Shasta Daisy). HP. Pkt.	
Alaska . 3024. Improved Shasta Daisy. 3 feet. White. \$0 10	
King Edward VII. 3025. 2 feet. Glistening white. Summer. 15	
Princess Henry . 3026. 1 1/2 feet. White. Summer. 10	
Robinsoni . 3027. 2 feet. White. Summer. 15	
Semi-plenum . 3028. 2 feet. Semi-double. 15	
Shasta . 3029. 1 1/2 feet. White. Summer. 10	
Triumph . 3030. 1 1/2 feet. Blossoms pure white with yellow centers, borne on long stems; fine for cutting. 10	



House of Cinerarias Grown from our Matchless Strain

Boddington's Matchless Cinerarias HHP

In the culture of the Cineraria the one mistake so often made is that of sowing the seed too soon. The plants thus raised, more often than not, make a rank growth; this is not in any sense desirable. By sowing in May and June, plants large enough for all decorative purposes can be had. In after-treatment the aim should be to secure as hardy a growth as possible. Sturdy plants with leaves of medium size are best.

CACTUS-FLOWERED MIXED 3031

Large flowers with narrow rolled petals radiating from a small center. An agreeable variation from the full florists' flower, and the strain has been much admired. $\frac{1}{2}$ pkt. 60 cts., pkt. \$1.

HYBRIDA LARGE-FLOWERED $\frac{1}{2}$ pkt. Pkt.

- Blue. 3032.** \$0 60 \$1 00
- Blue and White. 3033.** Very attractive large broad-petaled blue flowers, center white. 60 1 00
- Brilliant Scarlet. 3034.** This variety introduces a new color, surpassing all the brilliant shades hitherto known among Cinerarias. 60 1 00
- Pink and Light Blue Shades. 3035.** This charming combination of pale blue and delicate pink will be greatly appreciated. Mixed. 60 1 00
- Red and White. 3036.** The center of each flower is white surrounded by a well-defined ring of rich coloring from crimson to light pink. 60 1 00
- White. 3037.** Lovely single pure white. 60 1 00
- MATCHLESS HYBRIDA, DWARF MIXED. 3040.** A superb strain, obtained from the three best English growers; contains a splendid range of colors. The flowers are of immense size and borne on compact plants. 60 1 00
- MATCHLESS HYBRIDA, TALL MIXED. 3041.** Excepting for the difference in height, it resembles the above mixture in every way. This strain of Cinerarias is grown on almost every large estate in America. 60 1 00
- STELLATA (Star-flowering Cineraria). 3042.** Tall-growing; excellent as a single specimen for table decoration, or for grouping with splendid effect in corridors and conservatories. Mixed colors. 60 1 00
- Nana, Stella (Stellata). 3043.** Star-shaped flowers, the coloring of which surpasses anything ever seen in Cinerarias; there are the lovely and rare cornflower-blue tints in profusion, rich crimson and blood-red in dazzling variety, deep rose and shell-pink, most delicate peach-blossom and cream-colored shades quite new to Cinerarias. 60 1 00

FOLIAGE VARIETIES FOR BEDDING

- Maritima (Dusty Miller). 3045.** HHP. Very useful for bedding or edging. $1\frac{1}{2}$ feet. oz. \$1.50. 10
- Maritima candidissima, Diamond. 3046.** HHP. This variety is a much-improved type of *Cineraria maritima candidissima*, with pure white leaves, which are extremely serrated and equal in color to *Centaurea candidissima*. This variety is unexcelled for bedding purposes. $\frac{1}{4}$ oz. \$1. 10

Clarkia elegans HA

A popular summer annual, easy of culture. The following beautiful varieties, in addition to being good bedding plants, make very pretty and useful pot-plants for the conservatory. If sown in July and August, splendid specimens can be obtained for Christmas.

- | | Pkt. | 5 pkts. |
|---|--------|---------|
| Brilliant fl.-pl. 3047. Very bright orange. | \$0 25 | \$1 00 |
| Carmine Queen fl.-pl. 3048. Light carmine. | 25 | 1 00 |
| Chamois Queen fl.-pl. 3049. Pale chamois. | 25 | 1 00 |
| Orange King fl.-pl. 3050. Bright orange-scarlet. | 25 | 1 00 |
| Purple Prince fl.-pl. 3051. Rich purple. | 25 | 1 00 |
| Queen Mary fl.-pl. 3052. Lovely rose-carmine. | 25 | 1 00 |
| Scarlet Queen fl.-pl. 3053. Orange-scarlet. | 25 | 1 00 |
| Sutton's Carnation-flaked Pink. 3056. 1 foot. Long spikes of pale pink flowers, effectively splashed and blotched with crimson. Elegant as a pot-plant. | 25 | 1 00 |
| Finest Mixed. 3057. oz. 25c. 05 | | |
| Collection. 3058. One pkt. each of the above 8 varieties, \$1.50 | | |

- | | Pkt. |
|---|--------|
| CLEMATIS (Virgin's Bower). HP. Rapid climbers. | |
| Coccinea. 3061. 6 feet. Scarlet. Summer. | \$0 10 |
| Crispa. 3062. 6 feet. Purple. Summer. | 10 |
| Davidiana. 3063. 5 feet. Lilac. Summer. oz. \$2.. | 15 |
| Flammula. 3064. White. oz. 25c. 10 | |
| Paniculata. 3065. An old favorite, with pure white, fragrant flowers; very hardy. oz. \$1.. | 10 |

- CLEOME pungens (Giant Spider Flower). 3067.** HA. Singular-looking rose-colored flowers; the stamens look like spiders' legs and present a very attractive appearance; annual, 3 feet. This plant is now used extensively in many of the public parks, planted among shrubbery. 10
- gigantea hybrida. 3068.** These are hybrids of the well-known *Cleome gigantea*. Pure white to lilac, pink and purple. Sown during the early spring, these new hybrids reach nearly 6 feet. 5 pkts. \$1.. 25
- grandiflora alba (White Spider Plant). 3069.** The plant grows fully 4 feet in height, branches freely and bears splendid flowers of a pearly white. The best effect is produced when planted between scarlet or pink zinnias. 25

- CLERODENDRON Fallax. 3072.** GP. Handsome, erect-growing greenhouse plant; large spikes of fiery scarlet blooms.... 75



Cineraria stellata

COBÆA scandens. 3078. HA. Blue.....oz. 75c.	Pkt. \$0 10
Alba. 3079. White.....oz. \$2.	15
COLEUS, BODDINGTON'S MAGNIFICENT RAINBOW HYBRIDS. HHA. 3084. Saved from one of the European collections.....	50
Thyrsoides. (Flowering Variety.) 2086. SP. A robust and exceedingly handsome Coleus. It forms a tall, much-branched perennial 2 to 3 feet high. The branches terminate in erect, panicle-like racemes of ten to fifteen bright blue flowers, produced November to February.....	50

Convolvulus (Morning-Glory) HA and HP

Deservedly very popular, as they are one of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed.

	Pkt.	Oz.
Dwarf Varieties. 3090. Finest mixed.....	\$0 05	25
Tall Varieties. 3091. Finest mixed.....	05	15
Imperial Fringed. 3092. Japanese. Mixed.....	05	25
Imperial Japanese. 3093. Choice mixed.....	10	35
Imperial Pigmy. 3094. An excellent variety for bedding. Mixed.....	05	25
Mauritanicus. 3096. HP. A beautiful trailing plant for baskets, etc.; blue flowers.....	10	

Another list of Morning-Glories is offered under *Ipomœa* on p. 60

Cosmos HA

This charming annual ranks among the best for table decoration, and because of their long flowering period, are invaluable in a mixed border. Lady Lenox, Pink and White, are our own introductions and have given universal satisfaction, both for size and beauty. Very easily cultivated. Blooms can be obtained from September until the end of November.

Extra-Early-flowering Dawn. 3098. White, tinged pink.....	Pkt. \$0 10	Oz. \$1 50
Early-flowering Dawn, Mixed. 3099.	10	1 00
LADY LENOX, Pink. 3100. Our own introduction. This gigantic Cosmos has succeeded and has been admired everywhere. It is of extraordinary size and beauty, the flower being 4 to 5 inches in diameter, which is about twice as large as the ordinary Cosmos. Color a delightful shell-pink, lighting up beautifully at night.....	2 pkts. 25c., 1/4 oz. \$1.	\$0 10 \$3 00
LADY LENOX, White. 3101. Introduced by ourselves two years ago. This variety has become exceedingly popular and is much admired for size and quantity of the snow-white blooms it yields. A splendid companion to Lady Lenox, Pink.....	2 pkts. 25c., 1/4 oz. \$1.	15
Mammoth Perfection, Crimson. 3103.	10	50
Mammoth Perfection, Pink. 3104.	10	50
Mammoth Perfection, White. 3105.	10	50
Mammoth Perfection, Mixed. 3106.	10	50
Crimson Ray. 3108. Has narrow, and fluted crimson petals; grows 4 feet high, and is a profuse bloomer. 2 pkts. 25c.....	15	
Klondyke. 3109. Orange-colored.....	10	1 50

COSMOS, MIDSUMMER GIANTS

Pink and White Shades. 3110. If sown early will bloom continuously from August until cut down by frost. Large flowers on strong stems. Splendid for cutting.... 6 pkts. \$1. \$0 20

COWSLIP. 3114. HP. A favorite for the spring garden. Finest mixed colors..... 10

For other varieties, see *Polyanthus*, page 70

CUPHEA platycentra (Cigar Plant). HHP. **3116.** Scarlet and purple..... 25

Cyclamen HHP

Boddington's Gigantic

The seed of Cyclamen is often sown too early in the year; from the middle of August to the end of September is the best time. The seedlings should be grown on to the flowering stage without any check whatever. When grown cool, the results are most satisfactory. Boddington's Gigantic Cyclamen are unequalled for size and quality of bloom.



Cosmos, Boddington's Lady Lenox, Pink

BODDINGTON'S GIGANTIC CYCLAMEN, continued

	Pkt.	100 seeds
Cherry-Red. 3118. Most brilliant and effective.....	\$0 50	\$2 50
Crimson. 3119. Most striking color; under artificial light appears to be almost luminous.....	50	2 50
Crimson and White. 3120. A magnificent flower of the largest type.....	50	2 50
Lilac. 3121. A very pleasing color, lighting up well at night.....	50	2 50
Pink. 3122. Exquisite shade of soft pink.....	50	2 50
Rose. 3123. Immense flowers of a pleasing shade of light rose.....	50	2 50
Snowflake. 3124. The largest white Cyclamen.....	50	2 50
Syringa-Blue. 3125. A charming color.....	50	2 50
White Butterfly. 3126. Pure white; immense flowers... 50	2 50	
Mixed. 3127. A mixture of all the above varieties in proper proportion.....	50	2 00
Collection. 3128. One pkt. each of the above 9 varieties, \$4		

Choice Cyclamen of Recent Introduction

Bush Hill Pioneer. 3129. A beautiful new feathered Cyclamen in various colors.....	Pkt. 100 seeds \$0 50	\$3 00
Peach Blossom. 3130. An exceptionally handsome variety of an intense rose-color.....	50	
Phoenix. 3131. Bright cherry-crimson flowers, freely produced.....	50	
Purple King. 3132. The best of all crimson varieties and strikingly beautiful.....	50	
Princess May. 3133. Color pink, with suffused blotches of crimson at base of petals.....	50	3 00
Rococo. 3134. The flowers, which are beautifully fringed, measure 5 inches in diameter.....	50	3 00
Rose of Marienthal. 3135. Soft shell-pink; a very pretty variety.....	50	
Salmon King. 3136. One of the finest salmon varieties. 50		
Salmon Queen. 3137. Undoubtedly the most distinct and beautiful salmon color found in Cyclamen.....	50	3 00

CHOICE CYCLAMEN OF RECENT INTRODUCTION, continued

- Salmonium splendens. 3138.** Pkt. Fine salmon-pink variety; large flowers. 100 seeds, \$3. . \$0 50
- Sweet-scented. 3139.** The fragrant flowers are borne on stout, erect stems rising well above the foliage, and they are usually double. The colors are pink, flesh-pink with carmine base and white. 50
- Vulcan. 3140.** The rich crimson color is very striking and contrasts admirably with the pure white of Butterfly. 50
- Mrs. Buckston. 3141.** Real salmon color, a tint somewhat more delicate than found in our Salmon King and similar to the famous carnation, Enchantress. Produces a profusion of immense flowers, with beautifully frilled petals, most freely. Strongly recommended. 75
3 pkts. \$2. .
- Collection. 3142.** One pkt. each of the 13 preceding varieties for \$5

Lehmannia

The New Butterfly Cyclamen

The raiser claims that this Cyclamen excels all other varieties both in form and color. Makes a charming decorative plant. Sold in the following colors: Pkt.

- Light Red. 3145.** \$0 75
- Pink and Lilac. 3146.** 75
- Red. 3147.** 75
- White. 3148.** 75
- White with Red Eye. 3149.** 75
- Collection. 3150.** One pkt. each of above 5 varieties, \$3.50

HARDY VARIETIES

- Europæum. 3151.** 3 inches. Pure Pkt. white. Spring. \$0 25
- Neapolitanum. 3152.** 3 in. Red-purple. Spring. 25
- CYPERUS alternifolius. HHP. 3154.** A graceful ornamental foliage plant with deep shining green fronds, resembling a miniature palm. Height, 2 feet. Pkt. 15 cts.
- Alternifolius variegatus. 3155.** A beautiful variegated form of the above. Height, 2 feet. Pkt. 15 cts.
- CYPRESS VINE (Ipomœa Quamoclit). 3157.** HA. A very graceful, beautiful climber. Finest mixed colors. Pkt. 5 cts., oz. 30 cts.

Dahlia HHP

One of the best late summer- and autumn-flowering plants, and now enjoying a wide popularity; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better.

- Cactus. 3160.** Mixed. . \$0 10 \$2 00
- 20th Century. 3162.** Beautiful single Dahlia. Flowers $3\frac{1}{2}$ to 7 inches across; colors deep crimson and pure white. 25



Boddington's Gigantic Cyclamen



Delphinium, Erskine Park Hybrids

DAHLIA, continued

- | | Pkt. | Oz. |
|---|--------|--------|
| Double Mixed. 3163. | \$0 10 | \$1 50 |
| Dwarf Single. 3164. Fine strain. | 10 | 75 |
| Dahlia Roots and Plants are offered on pages 93 to 96. | | |
| DATURA cornucopia. (Trumpet Flower). 3167. HHA. 3 feet. White and purple. 10 1 00 | | |

Delphinium HP

Perennial Larkspur

The stately Delphinium should have a prominent place in all old-fashioned gardens. There are but few perennials that bear comparison with this lovely plant. Sow seeds in early spring in shallow boxes indoors or in a hotbed. When seedlings are about $\frac{1}{2}$ inch high, transplant to flats 3 or 4 inches apart each way. About a week before planting out remove to the open, taking care to protect them on cold days and nights. Set out 6 inches apart in the garden. Plants treated thus usually flower first season during August. In the fall they may be lifted and set out in groups of colors, three or four plants at a distance of 3 feet apart, in the rear of hardy perennials. The varieties submitted below are good alike both for borders and cutting.

Boddington's Erskine Park Hybrids 3170

Beautiful hybrids of *D. formosum* and *D. nudicaule*, containing all the most beautiful shades from light lavender to deepest blue. Pkt. 25 cts., 5 pkts. \$1, $\frac{1}{4}$ oz. \$1.50.

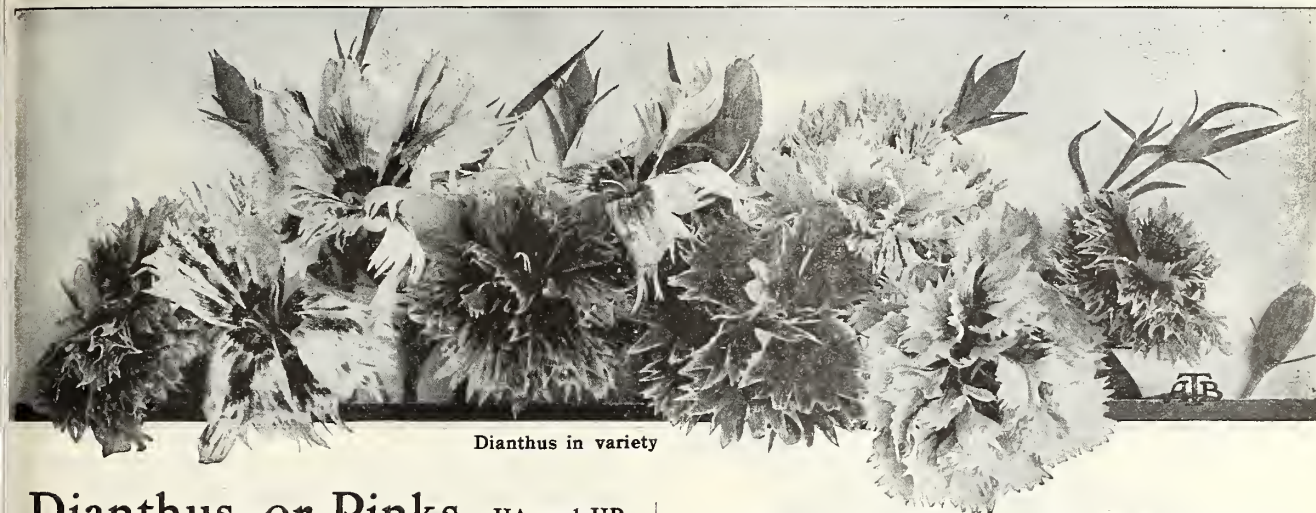
- | | Pkt. | Oz. |
|--|------|--------|
| Belladonna. 3171. Until recently this variety could be raised only by division of roots or cuttings but now we offer good fertile seed which will come true to name. Height, 3 feet. Delightful pale blue. . 3 pkts. \$1.25. . \$0 50 | 10 | \$0 75 |
| Chinense. 3172. Light blue. | 10 | 75 |
| Chinense album. 3173. White. | 10 | 75 |
| Elatum celestinum. 3174. 3 feet. Light blue. Midsummer. | 10 | 1 50 |
| Elatum hybridum (Bee Larkspur). 3175. 5 feet. Blue. | 10 | 1 00 |
| Formosum. 3176. 2 feet. Dark blue, white eye. | 10 | 1 00 |
| Formosum celestinum hybridum. 3177. Light blue. $\frac{1}{4}$ oz. \$1. | 10 | |
| Nudicaule. 3178. $1\frac{1}{2}$ feet. The only pure bright scarlet. Dwarf and compact in growth, with flower-stems of fine length. . $\frac{1}{4}$ oz. \$1.50. | 25 | |
| Zalil. 3179. Sulphur-yellow. | 25 | |

ANNUAL VARIETY

BODDINGTON'S BLUE BUTTERFLY

3180. Annual type. A charming variety. Color dark blue, forming a compact, free-flowering bush about 15 inches in height. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Other Annual Larkspurs listed on page 61



Dianthus in variety

Dianthus, or Pinks HA and HP

Most brilliant effects may be obtained by using Dianthus in the borders. They grow freely from seed and come true to color. Sow outdoors when danger of frost is past. The perennials will bloom the first year if the seed is sown early. Also useful for pot culture.

ANNUAL VARIETIES

	Pkt.	Oz.
Chinensis (Chinese Pink). 3185. Double mixed colors. \$0 05		\$0 40
Single, Finest Mixed 3186.....	05	40

HEDEWIGI, Single Varieties—

Crimson Belle . 3188. Brilliant crimson. ¼ oz. 50c... 10	
Eastern Queen . 3189. Extra select; striped rose. ¼ oz. 50c... 10	
The Bride . 3190. Very dwarf and compact; pure white, crimson eye; large flower. ¼ oz. 50c... 10	
Single Mixed . 3191.....	10 75

HEDEWIGI, Double Varieties—

Fireball . 3193. Scarlet.....	15
Snowball . 3194. Large double white; clove-scented; fine for cutting. ¼ oz. 25c... 15	
Superbissimus, Queen Alexandra . 3195. A very fine, pure white variety. The purest and largest-flowered white Dianthus. One of the finest cut-flower varieties. ½ oz. \$1.. 25	
Double Mixed . 3196.....	10 75

LACINIATUS Mirabilis, Single, Mixed . 3197. The plants grow from 12 to 15 inches in height and produce their large, lovely flowers of about 3 to 4 inches in diameter, on stiff, upright stems. The petals of the flowers are very deeply cut into fine strips of thread-like fringes for one-third or nearly one-half their length. There are all shades of color, from pure white and white with pink or red zones to rose and deep purplish red. Blooms all summer. ½ oz. 35c... \$0 10	
---	--

Mirabilis, Double, Mixed . 3198. The petals of the flowers are very deeply cut or fringed in the most wonderful form. Their colors are very rich and varied, ranging in all shades from pure white and white with pink or red zones to rose, and all intermediate colorings to dark purplish red, including fine striped varieties. 5 pkts. \$1.. 25	
Salmon Queen, Single . 3200. Delicate salmon-red. ¼ oz. 50c... 10	

Salmon Queen, Double . 3201. A splendid double variety of the above. ½ oz. 50c... 25	
---	--

Snowdrift, Double . 3202. A grand new double white summer pink; large flowers. One of the best introductions of the season. 4 pkts. 50c... 15	
--	--

Vesuvius, Single . 3203. A beautiful single variety, with intense orange-scarlet flowers, a most brilliant color and a grand acquisition to this class of plants. ¼ oz. 50c... 10	
Laciniatus, Double Mixed . 3204.....	10 10
Laciniatus, Single Mixed . 3205.....	10 10

Imperialis fl. pl. (Double Imperial Pink). 3206.....	10 10
Diadematus, Double, Choicest Mixed . 3207.....	10 10

DIANTHUS, HARDY PERENNIAL VARIETIES

Deserve to be more freely grown. Seed produces abundance of blooms.

Cæsius (The Cheddar Pink). 3209. A beautiful little species Pkt. with bright rosy pink flowers. 3 pkts. \$1.25.. \$0 50	
Latifolius atrococcineus fl. pl. 3210. HP. A hybrid between the China Pink and Sweet William. The heads of brilliant red flowers are quite double. Will flower the first season from seed. 5 pkts. \$1.. 25	
Plumarius Scoticus (Scotch Pink). 3211. Double. 25	
Plumarius (Pheasant's Eye). 3212. Double mixed. ¼ oz. 50c... 10	
Plumarius semperflorens (Perpetual Pink). 3213. ¼ oz. 50c... 10	
Barbatus (Sweet William). See page 85.	

See, also, Pinks, page 70, and Carnations, page 50

DICTAMNUS (Gas Plant, or Burning Bush). HP.

Fraxinella . 3221. 2 feet. Pink. June and July. ½ oz. 50c... 10	
Fraxinella alba . 3222. 2½ feet. White. June and July. ½ oz. \$1.. 10	



Dimorphotheca aurantiaca hybrida (South African Orange Daisy)
Full description on following page.



Eschscholtzia, Carmine King

Digitalis (Foxglove) HP. 3 ft.

Handsome plants, especially adapted for shrubberies. Pkt.	Oz.
Gloxiniæflora alba. 3225. White. Summer.....	\$o 10
Gloxiniæflora lilacina. 3226. Lilac. Summer.....	1 25
Gloxiniæflora lutea. 3227. Yellow. Summer.....	1 25
Gloxiniæflora purpurea. 3228. Purple. Summer.....	1 25
Gloxiniæflora rosea. 3229. Rose. Summer.....	1 25
Gloxiniæflora, Finest Mixed Colors. 3230.	60
PURPUREA. Large, bell-shaped terminal flower.	
Purpurea alba. 3232. White. Summer.....	1 00
Purpurea rosea. 3233. Rose. Summer.....	1 00
Purpurea rubra. 3234. Purple. Summer.....	1 00
Purpurea monstrosa, Mixed. 3235. Summer.....	1 50
Maculata Iveryana. 3236. Lovely spotted varieties....	75

Dimorphothecca (South African Orange Daisy) HA

The Orange Daisy was introduced from South Africa a few years ago, and has rapidly grown in favor. In addition to the lovely orange we have now a very wide range of color. Excellent for border and as pot-plants.

Aurantiaca (African Orange Daisy). 3240. Its marguerite-like blossoms, $2\frac{1}{2}$ to $3\frac{1}{4}$ inches in diameter, show a unique, rich, glossy orange-gold, which is rendered the more conspicuous by the dark-colored disk surrounded by a dark zone. A bed in full bloom is a magnificent sight. $\frac{1}{2}$ oz. 50c... \$o 10

Aurantiaca hybrida. 3241. (See illustration, page 55.) These hybrids are similar in habit and size of bloom to the beautiful *Dimorphothecca aurantiaca*, but range in color from pure white to bluish-white, with salmon glow and orange-salmon reverse, creamy white with lemon reverse, bluish with chrome and brown reverse, lemon with deep brown reverse, canary-yellow, soft salmon and salmon-orange. 3 pkts. 50c... 20

Aurantiaca hybrida, Double. 3242. Double-flowering varieties of our *Dimorphothecca aurantiaca* hybrids introduced four years ago. The colorings of these new double-flowering varieties are as rich and varied as those of the single-flowering sorts, ranging from white to light and dark yellow, from salmony rose to orange. 3 pkts. 50c... 20

Sinuata. 3243. Flowers are $2\frac{1}{2}$ to $2\frac{3}{4}$ inches across, and show a uniform, clear satiny buff or light chamois, with a bluish disk when fully open in sunshine; the reverse of the petals is purplish red. 4 pkts. 50c... 15

DODECATHÉON Meadia (American Cowslip). 3246. HP. 1 ft. Reddish purple. June..... 25

DOLICHOS Lablab (Hyacinth Bean). 3248. HA. Rapid-growing climbers; purple and white flowers. Mixed... Oz. 25c... 05

DORONICUM Caucasicum (Leopard's Bane). 3250. HP. $1\frac{1}{2}$ feet. Yellow. Spring..... 25

DRACÆNA australis. 3251. GP. Broad foliage..... 25

Indivisa. 3252. Long, slender leaves..... oz. 50c... 10

DRACOCEPHALUM Altaianse (Dragon's Head). HP. 3254. 2 feet. Blue. Summer..... 10

ECHINACEA Helianthus. 3259. HP. 4 feet. Red. Summer. 25

Purpurea. 3260. HP. 4 feet. Purple. July..... 15

ECHINOPS Ritro (Globe Thistle). 3262. HP. 3 feet. Blue. Pkt. Fall..... \$o 10

EPILOBIUM angustifolium (Willow Herb). 3264. HP. 4 to 5 feet. Purple-rose. Summer..... 10

ECHINOCYSTIS lobata. 3266. HA. The Wild Cucumber Vine. Rapid grower; produces sprays of white flowers in abundance..... Oz. 50c... 10

EREMURUS Himalaicus. 3268. HP. 8 feet. White. Summer. 25

ERIGERON aurantiacus hybridus (Double Orange Daisy). 3270. HP. 1 foot. Orange. Early summer..... 10

Caucasicus. 3271. Pale violet..... 10

Coulterii. 3272. Large; white with yellow disk; petals very finely cut..... 10

Glaucus. 3273. Large, lavender-blue flowers borne in profusion..... 10

Speciosus. 3276. Mauve-yellow center..... 10

ERINUS alpinus. 3280. HP. 6 inches. Purple-red. June... 25

ERYNGIUM (Sea Holly). HP.

Alpinum. 3282. $2\frac{1}{2}$ feet. Pale blue. Aug..... 10

Amethystinum. 3283. 3 feet. Amethyst. Summer..... 15

Maritimum. 3284. $1\frac{1}{2}$ feet. White. Aug..... 10

Plenum. 3285. $2\frac{1}{2}$ feet. Light blue. Aug..... 10

Eschscholtzia (California Poppy) HA, 1 ft.

Conspicuous for their profusion of bloom and bright colors.

Alba. 3288. Creamy white..... Pkt. \$o 05 Oz. \$o 40

Burbank's Crimson. 3289. A very handsome crimson variety..... 05 75

Carmine King. 3290. A beautiful rose-colored variety, in many instances as intense on the inside as on the outer petals, which gives it an altogether novel and bright effect..... 4 pkts. 50c... 15

Californica, Giant. 3291. Yellow..... $\frac{1}{4}$ lb. 75c... 05 30

Golden West. 3292. Color golden yellow..... 05 50

Finest Mixed, all varieties. 3293...... $\frac{1}{4}$ lb. 75c... 05 30

Caniculata rosea. 3294. Most beautifully fluted and frilled; of a bright rosy bluish shade. A profuse bloomer, and one of the most striking Eschscholtzias..... 10 I 25

Caniculata sulphurea. 3295...... 10 I 00

Caniculata, White. 3296...... 10 I 00

Carter's New Fringed. 3297. The first fringed variety ever introduced. It is of the California type, with deep colored base to the petals, and prettily fringed. 6 pkts. \$1... 20

Dainty Queen. 3298. Color is a tender blush or pale coral-pink, slightly deeper toward the edges, with a groundwork of delicate cream..... 2 pkts. 25c... 15

Diana. 3299. Color is rosy white, while the petals are fluted in a novel manner..... 2 pkts. 25c... 15

Double Orange. 3300. Color deep yellow suffused with crimson..... 2 pkts. 25c... 15

Mikado. 3301. Color is orange-crimson suffused with deep crimson..... 2 pkts. 25c... 15

Rajah. 3302. Brings a new color in Eschscholtzias, which can best be described as a purplish carmine. 6 pkts. \$1... 20

Collection. 3305. One pkt. each of any six of the above varieties, 75c.

EUCALYPTUS globulus (Blue Gum). 3307. GS.....	Pkt. \$0 10
Filicifolia . 3308. Fern-leaved variety.....	25
EUPATORIUM ageratoides (Thoroughwort). 3310. HP. 3 to 4 feet. White. Aug. and Sept.....	10
Cœlestinum . 3311. 2 feet. Blue. Late summer.....	10
Fraseri . 3312. 1 foot. White. Late summer.....	10
EUPHORBIA heterophylla (Mexican Fire-Plant). 3313. HHA. Splendid scarlet poinsettia-like annual.....	25

Exacum HHA

Affine . 3315. A dwarf, showy half-hardy annual for pot culture; clusters of fragrant lilac flowers.....	50
Macranthum . 3316. The flowers are 2 inches in diameter and of a deep rich purple color. Height, 1½ feet.....	1 00
FERN SPORES, or SEEDS . 3373. Saved by a reliable Fern specialist. Mixed.....	25

FORGET-ME-NOT. See *Myosotis*.

FEVERFEW. See *Matricaria*.

FRANCOA ramosa (Bridal Wreath). 3377. HHP. Beautiful decorative plant, which is of the easiest possible greenhouse culture. During the summer months it produces a large number of elegant sprays of pure white flowers. Excellent for cutting. Height 2½ feet.....	25
Glabrata . 3376. HHP. The flowers are of the purest snow-white, and very freely produced on large-branched spikes. 3 pkts. \$1.....	35

FRASERA speciosa . 3379. HP. 3 feet. Bluish. Summer....	10
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FREESIA hybrida nova . 3380. HB. These new hybrids are the result of crossing the <i>Freesia refracta alba</i> with <i>Freesia Armstrong</i> , <i>Ragionieri</i> , <i>Tubergenii</i> , <i>Amethyst</i> and others. These hybrids contain pink, red, lilac, violet, yellow and orange. The plants will flower from seed about eight months from time of sowing.....	20
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Gypsophila elegans (see page 58)



Gerbera
Jamesoni
hybrida

FUCHSIA, Double Varieties . 3382.....	Pkt. \$0 50
Single Varieties . 3383. GS. Splendid mixture.....	50
FUNKIA (Plantain Lily). HP. 2 feet. Summer.	
Albo-marginata . 3385. White.....	10
Cerulea . 3386. Blue.....	10
Cordata aureo-variegata . 3387. White.....	10
Ovata . 3388. Blue.....	10
Sieboldii hybrida . 3389. White.....	10

Gaillardia (Blanket Flower)

One of the most useful and desirable annuals and perennials for decorative and cut-flower purposes.

ANNUAL VARIETIES

Aenblyodon . 3390. Rich blood-red. Very effective. oz. \$1.....	Pkt. \$0 10
Picta Lorenziana . 3391. Double mixed.....	oz 75c.. 10

PERENNIAL VARIETIES

Grandiflora maxima . 3392. 3 feet.....	oz. \$1.50.. 10
Grandiflora vera . 3393. 1 foot.....	oz. \$1.50.. 10
Kermesina splendens . 3394. Center rich crimson, yellow border.....	15
Sulphurea oculata . 3395. Pale yellow, bright maroon eye.	10
Choicest Grandiflora Hybrids Mixed . 3396. Saved by a specialist from named varieties.....	5 pkts. \$1.. 25
Finest Mixed . 3397.....	oz. \$1.25.. 10

GALEGA (Goat's Rue). HP. 3 feet. Early summer.

Officinalis . 3400. Blue.....	10
Officinalis alba . 3401. White.....	10
Officinalis rosea . 3402. Rose.....	10

Gerbera (Transvaal Daisy) HHP

Jamesoni . 3413. The scarlet Marguerite. Very distinct; fine either for outdoor or indoor cultivation. (Pkt. 25 seeds)	50
Jamesoni hybrida . 3414. <i>Gerbera Jamesoni hybrida</i> first raised by Mr. Lynch, curator of the Botanic Gardens, at Cambridge, England, by hybridizing the <i>Gerbera Jamesonii</i> , from the Transvaal, with <i>G. viridifolia</i> , and then recrossing the progeny. Mr. Lynch added to the brilliant orange-scarlet of the type a series of fine new colors, including pure yellow, orange, salmon, rose, cerise and ruby-red to violet. This variety is somewhat harder than the parent form. When sowing, it is recommended to place each seed with the pointed end upward, just above the surface of the soil. Pkt. contains 25 seeds. 3 pkts. \$2.....	75

(See illustration above.)

GESNERIA, Hybrids. 3416. Valuable plants for the stove or warm greenhouse; easily raised from seed, they flower the first season. Treatment same as gloxinias.....	Pkt.	\$1 00
GAURA Lindheimeri. 3404. HP. A graceful perennial 3 to 4 feet high, bearing numerous spikes of rosy white flowers from July till frost.....	10	
GENTIANA acaulis. 3406. HP. (Soak seed before sowing.) 1½ feet. Blue. Summer.....	15	75c.
Clusii. 3407. HP. 6 inches. Deep blue. Summer.....	25	
GERANIUM (Lady Pelargonium). HHP.		
Odoratissima. 3410. Apple-scented.....	25	
Sanguineum. 3411. 2 feet. Deep pink.....	15	

Geum HHP

Beautiful hardy perennial, bearing profusely large, showy, double, dark crimson flowers all through the summer; an elegant flower for bouquets.

Atrosanguineum. 3418. Double deep scarlet. 1½ feet. Pkt. Summer.....	\$0 10	
Coccineum. 3419. Double scarlet. 1½ feet. Summer.....	10	
Heldreichii. 3420. Orange. 9 inches. Summer.....	25	
GILIA coronopifolia. 3422. HHB. The extremely brilliant scarlet flowers are borne successively in great profusion, and buds and flowers are always appearing from the top to the bottom of the flower-spike, reminding one of four or five spikes of the <i>Lobelia cardinalis</i> being bound together and flowering at one and the same time.....	20	6 pkts. \$1..

Glaucium (Horned Poppy) HHP

Leiocarpum. 3424. The individual flowers, 2 to 2½ inches across, are of the most brilliant deep orange-scarlet with large black spots at the base of the petals, a striking and very rich coloring. Foliage glaucous green. On account of the slow germination of the seed, spring sowings should not be made later than in February or beginning of March; autumn sowings always succeed better.....

GLOBE AMARANTH (Gomphrena). HA. 2 feet. Very showy everlasting.	Pkt.	Oz.
Orange. 3426.	\$0 05	\$0 30
Purple. 3427.	05	25
Red. 3428.	05	25
White. 3429.	05	25
Finest Mixed Colors. 3430.	05	25

Gloxinia TP

BODDINGTON'S IDEAL. 3431. This seed, which is saved from the finest Erecta and Superba types by a noted grower of Gloxinias, contains some of the most wonderful self-colored and spotted varieties. (See illustration this page.) ½ pkt. 60c.

Large-flowered, Striped and Marbled. 3432. The ground color of the large, erect and widely opened flowers is a velvety purple-crimson, with a rosy white throat..... 3 pkts. \$2.. 75

Regina hybrida erecta. 3433. The flowers appear mostly in blue and lilac, but rose and red shades are also found among them..... ½ pkt. 60c. 1 00

For Gloxinia bulbs, see bulb portion of catalogue.

GNAPHALIUM Leontopodium (Edelweiss). 3435. HP. Seed should be sown early and kept cool and moist..... 10

Godetia HA

A charming annual that blooms profusely in borders or under glass. Can be sown inside in the fall for Christmas flowering.

	Pkt.	Oz.
Bridesmaid. 3437. Rose and white.....	\$0 10	\$0 75
Duke of York. 3438. Satiny scarlet.....	10	75
Lady Albemarle. 3439. Bright crimson.....	10	75
Whitneyi. 3440. Scarlet.....	10	75
Sutton's Double Rose. 3441.	50	
Mixed Colors. 3442.	10	50

GOURDS, Ornamental. HA. Rapid-growing interesting annual climbers, with ornamental foliage and singular-shaped fruit. 15 to 20 feet.

	Pkt.	Oz.
Apple-shaped. 3445.	\$0 05	\$0 25
Bottle-shaped. 3446.	05	25
Dipper, or Calabash. 3447.	05	25
Egg-shaped. 3448. Fruit white like an egg.....	05	25
Hercules' Club. 3449. Club-shaped; 4 feet long.....	05	25
Luffa (Dish-rag, Sponge or Bonnet Gourd). 3450.	05	25
Orange-shaped (Mock Orange). 3451.	05	25
Pear-shaped. 3452. Striped; very showy.....	05	35
Serpent. 3453. Striped like a serpent; 5 feet in length.....	05	25
Sugar-Trough. 3454.	05	25
Turk's Turban. 3455.	05	25
Mixed Varieties. 3456.	05	20

Collection. 3457. One pkt. of each of above 11 varieties 50 cts.

GREVILLEA robusta (Silk Oak). 3460. GS \$0 25 \$2 50

GUNNERA (Chilian Rhubarb). HP. Ornamental foliage plants. Require rich soil and plenty of water. Make fine decorative lawn plants.

	Pkt.
Scabra. 3462. Orange foliage. 6 feet.....	\$0 25
Scabra major. 3463. Orange foliage. 8 feet...	35

Gypsophila (Baby's Breath)

The tender panicles of bloom are greatly admired when mixed in bouquets of sweet peas, etc. The culture is so easy that they should have a place in every garden.

ANNUAL VARIETIES

	Pkt.	Oz.
Elegans. 3465. White-and-pink flowers. (See illustration, page 57.).....	\$0 05	\$0 25
Elegans carminea. 3466. The plants grow about 10 to 12 inches in height and are immensely free-flowering, set with small bright carmine-rose blooms.....	15	1 50
Elegans grandiflora alba. 3467. A grand variety. Flowers large and pure white.....	10	1 00
Elegans grandiflora rosea. 3468. Delicate rose.....	10	1 00
Muralis. 3469. Red.....	05	50

PERENNIAL VARIETIES

	Pkt.
Acutifolia. 3470. White. July.....	\$0 10
Paniculata. 3471. White flowers; the best sort. oz. 75c....	10
Paniculata fl.-pl. 3472. Double white. 18 inches. 6 pkts. \$1..	20
Repens. 3473. White flowers; dwarf; good for rockery.....	10



Gloxinia, Boddington's Ideal

HELENIUM (Sneezewort). HP. Late summer.

Autumnale. 3475. 6 feet. Yellow. Pkt. low. 1/4 oz. 50c. \$0 10

Autumnale superbum. 3476. 6 feet. Dark yellow. 10

Bigelovii. 3477. Golden yellow, with black center. 15

Bolanderi. 3478. 2 1/2 feet. Dark yellow. 15

Hoopesii. 3479. 2 1/2 feet. Dark yellow. 15

Riverton Beauty. 3480. Flowers rich lemon-yellow surrounding a large cone of purplish black. 2 pkts. 25c. 15

Riverton Gem. 3481. Of strong growth, 2 1/2 to 3 feet high, and literally covered from the middle of August till the end of October with brilliant flowers, opening old-gold, changing as they mature to wall-flower-red. 2 pkts. 25c. 15



Helianthus, Riverton Beauty

Helianthus (Sunflower) HA

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

Californicus. 3485. 5 to 6 ft. Large double orange flowers. Pkt. 5 cts., oz. 20 cts.

Chrysanthemum-flowered.

3486. An annual variety with large, intensely double, bright golden flowers. Pkt. 5 cts., oz. 25 cts.

Cucumerifolius, Orion. 3487. Single variety. Petals twisted like a cactus dahlia. Excellent for cutting. 1/2 oz. 75c. \$0 10

Cucumerifolius, Stella. 3488. 3 feet. Single. Compact form and bushy; primrose-yellow; useful for cutting. 1/2 oz. 75c. 10

Cucumerifolius purpureus. 3489. The flowers vary from light pink to deepest purple. 6 pkts. \$1. 20

Globosus fistulosus. 3490. 5 feet. Double. Bright saffron-color. 1/2 oz. 25c. 05

Macrophyllus giganteus. 3491. 10 feet. Single. Yellow. Pkt. 5 cts., oz. 25 cts.

Multiflorus fl.-pl. 3492. Double. Very fine for cutting. Pkt. 10 cts., oz. 50 cts.

Oscar Wilde. 3493. 9 feet. Single. Orange and black; 6 inches across. Pkt. 5 cts.

New Red Hybrids. 3494. (Single.)

The color is bright reddish brown, sometimes extending over the whole flower and at others displayed in the form of a wide zone, margined with bright golden yellow. Pkt. 2 pkts. 25c. \$0 15

Sutton's Single Dwarf Primrose. 3495. A distinct dwarf strain attaining a height of only 2 1/2 to 3 feet. Clear primrose flowers with black centers. (See illustration.) 50

Sutton's Earliest of All. (Single.) 3496. Produces until late in the autumn an abundance of medium-sized flowers, having long, broad golden petals and small black center. Height, 6 feet. 3 pkts. \$1.25. 50

Sutton's Improved Miniature. (Single.) 3497. Flowers remarkably large, and, as the plants attain a height of only 12 inches, they are specially adapted for bedding. Mixed colors. 25

PERENNIAL VARIETIES

Maximiliani. 3498. 10 feet. Yellow. Late summer. 10

Perennial, Mixed. 3499. 3 to 6 feet. Various. June-Sept. 10

HELICHRYSUM. HA. This Pkt. hardy annual is the well-known Everlasting Flower, and is everywhere prized for winter decoration.

Monstrosum fl.-pl. (Everlasting). 3501. Finest mixture; all colors. 1/2 oz. \$1. \$0 10

HELIOPSIS Pitcheriana (Orange Flower). **3502.** HP. One of the most desirable of the Helioopsis for summer cutting. 4 feet. Flowers 2 inches across. Of a beautiful deep golden yellow. 10

HELIOTROPE (Apple Pie). **HHP. 1 1/2 feet.** Splendid for bouquets. Delightfully perfumed.

Lemoine's Giant. 3506. 10

Queen Marguerite. 3507. Very large trusses of flowers; dark blue, and much more compact than the ordinary variety. 15

Regale (Dwarf Giant-flowered Heliotrope). **3508.** This is a grand dwarf variety. Early, flowers freely, with large masses of bloom. 15

Finest Mixed Varieties. 3510. 10

HEMP, Giant (Cannabis gigantea). 3511. HA. Fine ornamental dark green foliage plant for borders and the center of beds, a rapid and vigorous grower. Height 5 to 6 feet. 10

Hesperis matronalis (Sweet Rocket) HP

A very free-flowering perennial, suitable for cutting. Pkt. Oz.
Lilac. 3514. 3 to 4 feet. \$0 10 \$0 60
Nana candidissima. 3515. 2 feet. White. 10 1 25
Purple. 3516. 3 to 4 feet. 10 60
White. 3517. 3 to 4 feet. 10 50
Mixed. 3518. 3 to 4 feet. 05 40

HEUCHERA (Alum Root).

Brizoides. 3523. 2 feet. Rose. Pkt. Summer. \$0 15

Hybrida grandiflora. 3524. 2 feet. Pink. Summer. 15

Sanguinea. 3525. 2 feet. Coral-red. Summer. 15

Splendens. 3526. 2 feet. Deep red. Summer. 15

Hibiscus (Marsh Mallow)

HA and HHP

A very showy plant, producing immense flowers 6 inches across, upon bushes 2 to 6 feet high. Will bloom first year if sown early. Pkt.

Africanus. 3530. HA. 2 feet. Free-growing, hardy annual. Yellow, with maroon center. \$0 10

Crimson Eye. 3531. HP. 4 feet. Pure white with crimson center. 10

Golden Bowl. 3532. HP. Sulphur-yellow, with purple center. 10

Grandiflorus, Sunset. 3533. HA. A beautiful greenhouse variety. Flowers very large, pale yellow, black center. Also very useful for summer bedding. 25

Manihot. 3534. HA. Height 4 feet. Produces flowers fully 4 inches in diameter, their color being a soft, clear sulphur-yellow, with a conspicuous maroon blotch at the base of each petal. 25

Moscheutos roseus. 3535. HP. 3 feet. Rose. 10



Helianthus, Sutton's Single Dwarf Primrose

Hollyhocks HP. 9 ft.

Boddington's Quality Double

The Hollyhock is among the most stately of our garden plants. Succeeds best in a rich, well-drained soil, and should be lightly protected during the winter months with coarse straw or spruce boughs. For distinct effect plant in large groups.

	Pkt.	1/2 oz.
Apple Blossom. 3540	\$0 15	\$0 50
Blood-Red. 3541	15	50
Bright Pink. 3542	15	50
Canary-Yellow. 3543	15	50
Crimson. 3544	15	50
Golden Yellow. 3545	15	50
Lilac. 3547	15	50
Peach Blossom. 3548	15	50
Rose. 3549	15	50
Salmon. 3550	15	50
Scarlet. 3551	15	50
Snow-White. 3552	15	50
Mixed. 3553	15	25

Collection. 3554. One pkt. each of the 12 varieties for \$1.50

Collection. 3555. One pkt. each of any 8 varieties for \$1

Collection. 3556. One pkt. each of any 6 varieties for 80 cts.

Chater's Double, Finest Mixture.	Pkt.	Oz.
3557	\$0 15	\$1 50
Allegheny, Mixed. 3558	10	1 00
Single, Finest Mixed. 3559	10	1 00

Double Hybrid Everblooming. 3560.
This mixture contains a rich collection of colors, from white to deep black, light and canary-yellow, flesh-color, dark, light and salmon-rose, scarlet, cherry, red, purple, blackish brown, etc. Plants branch out freely and grow to a height Pkt. of about 10 feet. oz. \$2 .. \$0 15

Single Hybrid Everblooming. 3561.
Plants can be treated exactly as annuals; the seed may be started in the house or hotbeds in March or April, and will commence to flower in July, and stay uninterrupted in flower until very late in the season. oz. \$1.. 10

Honesty (*Lunaria biennis*) HB

Good early-flowering plants; the seed-vessels, which are flat and broad, look like transparent silver, and are very pretty for winter bouquets of dried flowers. Height, 2 feet.

	Pkt.
Crimson. 3565	\$0 10
Purple. 3566	10
Variegated. 3567	10
White. 3568	10
Mixed. 3569	05

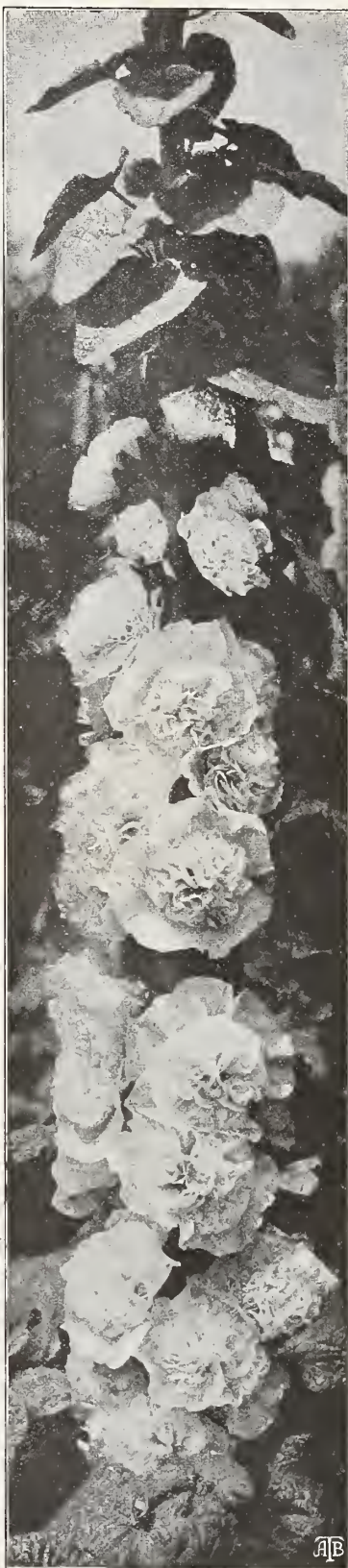
HUMEA elegans. 3572. HHB. 6 feet.
Aromatic-scented; fine for pot culture, but rarely seen in the United States. Aug. to Oct. 25

HUMULUS Japonicus (Japanese Hop). 3574. HA. 12 feet. Fast-growing annual climber. oz. 50c.. 10

Japonicus foliis variegatus. 3575. A variegated form of preceding. oz. 60c.. 10

HUNNEMANNIA fumariifolia (Giant Yellow Tulip Poppy, or Bush Eschscholtzia). HA. 3578. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. oz. 50c., 1/4 lb. \$1.75.. 10

IBERIS. See Candytuft.



Boddington's Quality Hollyhocks

Impatiens (Zanzibar Balsam) HHP

Holstii. 3585. Forms bushes 1 1/2 to 2 Pkt. feet high, and resembles in habit, foliage and shape of flower the popular *I. Sultanii*, but surpasses it in its quicker and more vigorous growth and its larger and brighter-colored flowers. Seed sown indoors in spring will form plants ready to set out in May, and will bloom continuously from June till frost. It is also an excellent pot-plant for the house.

5 pkts. \$1.. \$0 25

Holstii Hybrids, Mixed. 3586. Brilliant vermilion-red flowers. It is indeed an excellent pot-plant, and also extremely useful for the open border, groups in a half-sunny position producing a striking effect. It may be remarked that the broad-petaled blooms are 1 1/4 to 1 1/2 inches in diameter. The colors now offered are quite distinct and also very beautiful. 5 pkts. \$1.. 25

Sultanii. 3589. Brilliant rosy scarlet. 25

ICE PLANT (*Mesembryanthemum crystallinum*). 3581. HHA. A trailing plant of dwarf habit for rockwork or flower borders. 10

INCARVILLEA Delavayi (Hardy Gloxinia). 3592. HP. Produces large, gloxinia-like rose-colored flowers, which last in perfection a long time; these are produced in clusters on stems 18 inches high; should be protected with a covering of leaves during the winter. 10

INULA ensifolia grandiflora. 3594. HP. Flowers golden yellow, 4 inches across, borne on erect stems; 2 feet. 25

Ipomoea (Morning-Glories) HA

Quick-growing summer climbers. Unsurpassed for covering trellises, walls, etc.

Bona-nox (Good-night). 3600. Opens Pkt. large white flowers in the evening. oz. 40c. \$0 05

Cardinalis (Cardinal Creeper). 3601. This belongs to the group of bindweeds that have a tubulous corolla. The flowers are produced in great profusion and are intense cardinal-red. 6 pkts. \$1.. 20

Coccinea. 3602. 10 feet. Scarlet flowers. oz. 50c.. 05

Leari. 3603. Dark blue. oz. \$1.50.. 10

Mexicana grandiflora alba. 3604. 15 feet. The great white Moonflower. oz. 75c.. 10

Rubro-cerulea (Heavenly Blue). 3605. 15 feet. Sky-blue flowers opening in the early morning. oz. \$1.. 25

Quamoclit. See Cypress Vine.
Setosa (Brazilian Morning-Glory). 3607. 10 to 20 feet. Makes a thick growth of great lobed leaves; large rosy flowers, pink star in center. oz. 75c.. 10

Other Morning-Glories are offered on page 53

Isolepis gracilis GP 3610

Elegant decorative plant with slender, bright green, drooping foliage, which entirely hides the pot. Much used as a border to greenhouse and conservatory plants. Pkt. 15 cts.

WE OFFER
SOME REALLY INTEREST-
ING NOVELTIES
ON PAGES 35 to 38.

- KALANCHOE Flammea. 3620.** HHP. Height, 18 inches. Erect stem carrying large bunches of brilliant orange-scarlet flowers. \$0 50
- KAULFUSSIA amelloides. 3623.** HA. Dark blue flowers. Height 9 inches. 10
- KENTILWORTH IVY** (Kentucky Ivy; *Linaria Cymbalaria*). 3625. HP. Trailing perennial. Violet flowers. 25
- KOCHIA scoparia** (Mock Cypress; Fireball). 3627. HA. Similar to *Tricophylla*, but not so graceful. 10
- Tricophylla. 3628.** A pretty, half-hardy annual, forming compact bushes about 2½ feet in height, with small feathery light green drooping foliage, which changes, as the summer advances, to a deep green, and to a crimson hue in September. Seed may be sown in March, giving the same treatment as for balsam or other similar annuals. 10
- LANTANA, Dwarf Compact Hybrids. 3635.** HHP. Dwarf, elegant, showy; various shades of orange and red. 5 pkts. \$1. 25
- Hybrida. 3636.** Orange and red verberna-like flowers. Finest mixed. 10

Larkspur (Annual Delphinium) HA. 1 to 3 ft.

Seed sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost. It is very ornamental, producing, in great variety of forms and colors, some of the most beautiful flowers in cultivation. Excellent for cutting.

Boddington's Scarlet Defiance. 3640. An improvement by Pkt. careful selection of the Newport Scarlet Larkspur. 5 pkts. \$1. 25

Boddington's White Queen. 3641. Companion flower to our Scarlet Defiance. 5 pkts. \$1. 25

Giant Hyacinth-flowered Navy Blue. 3642. A grand variety for cutting purposes; color intense blue. 2 pkts. 25c. 15

GIANT HYACINTH-FLOWERED, Choicest Mixed. 3643. 10

DOUBLE DWARF ROCKET, Azure-Blue. 3644. 50c. 05

DOUBLE DWARF ROCKET, Mixed. 3645. 50c. 05

DOUBLE TALL ROCKET, Mixed. 3646. 2½ feet. 50c. 05

Emperor. A grand type of annual Delphiniums. Height about 2 feet, of candelabra habit, with about twelve short branches. We are offering this in the following beautiful shades:

Azure-Blue. 3647.

Pkt. 10 cts.

Black-Blue. 3648.

Pkt. 10 cts.

Brilliant Carmine. Pkt. 10c.

Rose. 3650. Pkt.

10 cts.

Striped. 3651.

Pkt. 10 cts.

Tricolor. 3652.

Pkt. 10 cts.

Violet. 3653. Pkt.

10 cts.

White Striped. 3654. Pkt. 10c.

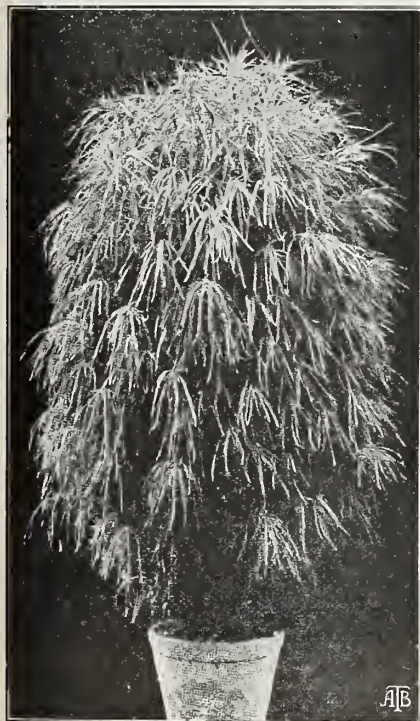
White. 3655. Pkt.

10 cts.

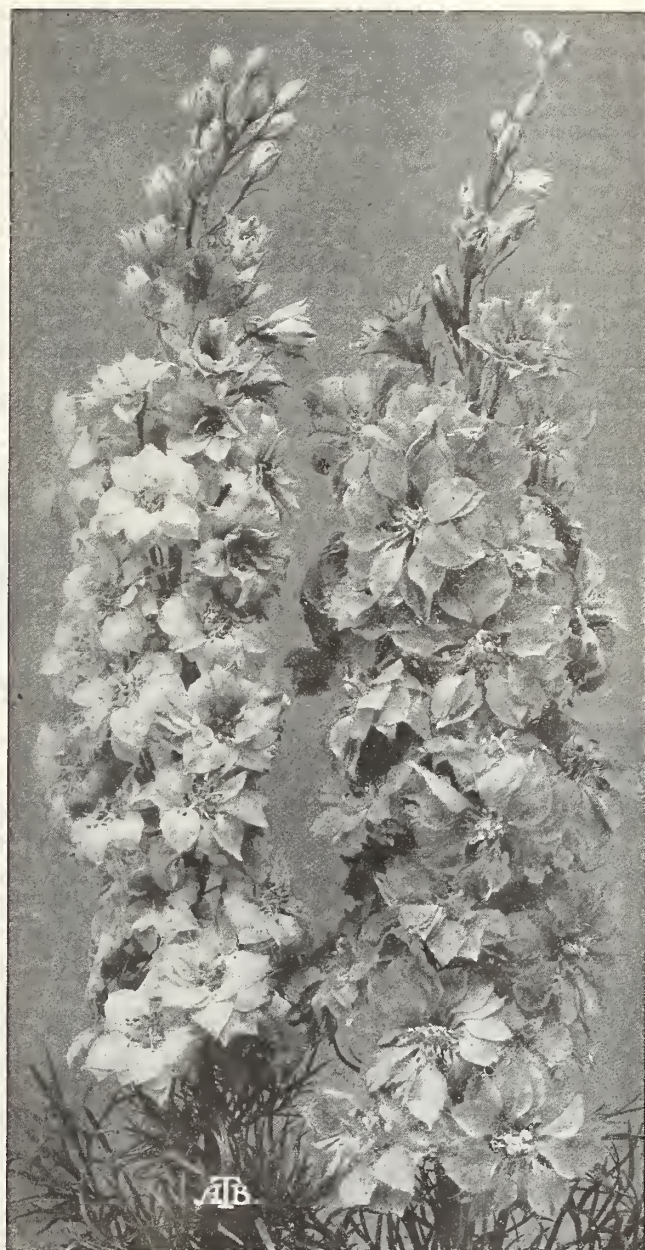
Collection. 3656.

One pkt. each of

the above 75 cts.



Kochia tricophylla (Burning Bush)



Boddington's Scarlet Defiance Larkspur

Lathyrus HA and HP

These have not the fragrance of Sweet Peas, but bloom throughout a long season. They make a beautiful screen for rocks, stumps, fences, etc. Height, 2 to 8 feet.

Latifolius albus, White. 3660. HP. Valuable for cut-flowers in midsummer. \$0 10 \$0 75

Latifolius, Pink Beauty. 3661. HP. Blossoms white, veined, edged and shaded

rose-pink. 10 75

Latifolius roseus. 3662. HP. Brilliant-flowered, perhaps the handsomest form

of the type. 10 75

Latifolius, Mixed. 3663 10 50

Lord Anson's Blue. 3664. HA. Strong-growing; dark purple-blue; 3 to 5 feet. 10 75

Splendens (Pride of California). 3667. HA. Large, pale rose flowers. 10 50

LAVATERA (Mallow) alba splendens. 3670. HA. Pearly white. 3 feet. 10

Rosea splendens. 3672. Brilliant rosy pink. 3 feet. 10

LAVANDULA spica. 3675. HP. 1½ feet. Midsummer. 10 50

Vera. 3676. 3 feet. Well-known, sweet-scented, hardy perennials; should be

grown in the mixed border. 10 75

LEPTOSYNE Stillmanii (Yellow Marguerite). 3680. HA. Bright yellow; very free-flowering. Flowers six weeks after sowing.....	Pkt. \$0 25
LIATRIS (Blazing Star). HP. July to Sept.	
<i>Scariosa præcox</i> . 3685. 3½ feet. Purple.....	10
<i>Spicata</i> . 3686. 2½ feet. Purple.....	10
LINUM (Flax). 1 foot.	
<i>Grandiflorum coccineum</i> . 3691. HA. Brilliant scarlet. Very showy and desirable.	oz. 25c... 05
<i>Perenne</i> . 3692. HP. 1½ feet. Blue. July to Sept.	10

Lobelia HHP

BEDDING VARIETIES

The dwarf varieties are very useful for edging, and the trailing varieties for hanging-baskets and window-boxes. Blooms the first season from seed. To obtain the best results, seed should be sown in January or February.

Erinus, Crystal Palace compacta . 3700. 6 inches. Dark blue, bedding variety.....	Pkt. ¼oz. \$0 15 \$0 75
Emperor William . 3701. Light blue; dwarf.....	15 75
Golden Queen . 3702. A golden foliaged variety; flowers rich dark blue; very effective.....	½oz. \$1.. 25
Gracilis . 3703. Blue; trailing.....	oz. \$1.. 10
Speciosa . 3704. Ultramarine-blue; dark leaves; trailing.....	oz. \$1.50.. 10
White Lady . 3705. Pure white, compact.....	10 1 00
Hybrida, Sapphire . 3707. This new trailing variety is of remarkably strong growth; the flowers are unusually large for a Lobelia, measuring ¾ inch across, and are thickly set on the long, graceful sprays of foliage; color of flowers intense deep blue, with large and clearly defined white eye. A well-grown plant covered with these lovely blue oculate flowers makes a splendid sight.....	3 pkts. 50c.. 20

TALL VARIETIES FOR POTS

TENUIOR (Ramosa). HHA. A charming species with flowers which are large for the genus, being 1 inch in diameter. The plant is of light and graceful habit, reaching a height of about 1 foot.

Blue . 3709.....	Pkt. 5 pkts. \$0 25 \$1 00
Rose . 3710.....	25 1 00
White . 3711.....	25 1 00

PERENNIAL VARIETIES FOR BORDERS

Cardinalis . 3713. 2 feet. Seed saved Pkt. from the finest types only. ¼oz. \$1..	\$0 10
Cardinalis, Illumination . 3714. Grows about 2 feet in height, producing very strong flower-stems with bronze foliage, similar to the variety Queen Victoria. Flowers intense scarlet, compact and forming a fiery, torch-like mass.....	5 pkts. \$1.. 25
Fulgens, Queen Victoria . 3715. 2 feet. Aug. and Sept. Scarlet.....	25
Fulgens, Hybrids . 3716. 2 feet. Aug. and Sept. Fiery red.....	25

LOPHOSPERMUM scandens . 3720. HA. Highly ornamental annual climber, with rosy purple, fox-glove-like flowers.....	¼oz. \$1.. 10
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Lupins

ANNUAL VARIETIES

The popularity of Annual Lupins is responsible for the introduction of the following six shades, which should be grown in every up-to-date garden.

BLUEBIRD . 3725. Celestial-blue.....	Pkt. 10 Oz. \$0 10 \$0 75
COCKATOO . 3726. Dwarf; salmon-pink.....	10 75
FLAMINGO . 3727. Giant pink; tall; showy.....	10 75
ORIOLE . 3728. Combined yellow and blue.....	10 75
PARAQUETTE . 3729. Bright scarlet, white tip.....	10 75
SNOWBIRD . Pure white.....	10 75

Collection. 3731. One pkt. each of above 6 varieties for 50 cts. Pkt. Oz.

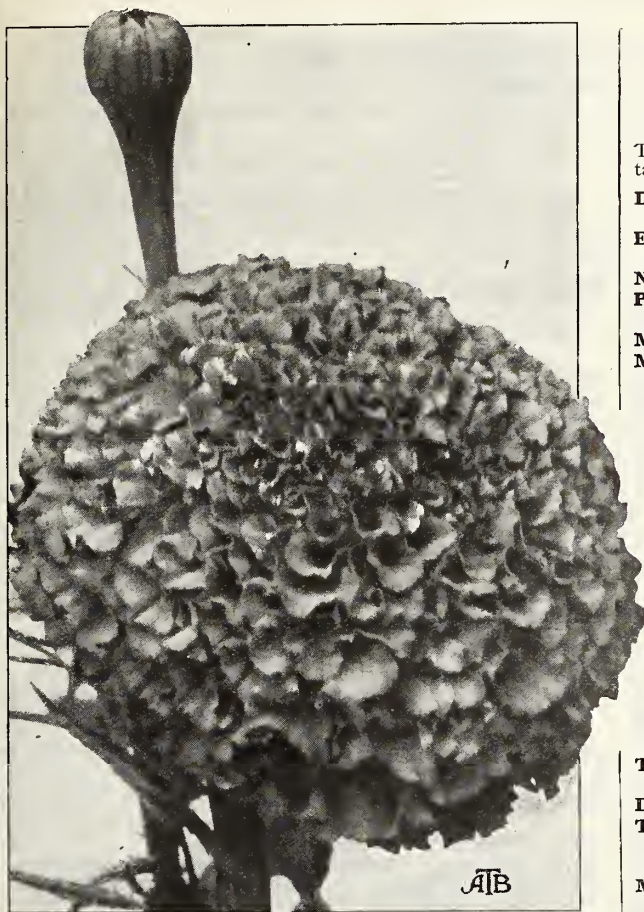
Nanus albus . 3732. HA. White.....	\$0 05 \$0 50
Tall Mixed . 3733.....	05 25



Lupinus polyphyllus roseus



Lobelia tenuior



Marigold, African, Prince of Orange

PERENNIAL LUPINS

	Pkt.
Arboreus. 3735. 4 feet. June to Sept. Yellow.....	\$0 10
Snow Queen. 3736. Pure white. Grand sort.....oz. \$1.25..	10
Arboreus, New Hybrids. See <i>Novelties</i> , page 36.	
Cruikshankii. 3750. Blue and yellow.....oz. 50c...	10
Nootkatensis. 3755. 5 feet. June to Sept. Blue.....	25
POLYPHYLLUS AUREUS. 3760. Flowers a fine, clear yellow.....	50
Polyphyllus. 3761. HP. 4 feet. June to Sept. Blue, oz. 50c...	10
Polyphyllus roseus. 3762. HP. Pink. (See illustration, page 62.)..... $\frac{1}{4}$ oz. 35c...	10
Polyphyllus, New Hybrids. See <i>Novelties</i> , page 36.	
Mixed. 3763.....oz. 25c...	05
LYCHNIS (Campion). HP. May and June.	
Alpina. 3785. 2 $\frac{1}{2}$ feet. Rose.....	10
Chalcedonica. 3786. 2 $\frac{1}{2}$ feet. Scarlet.....oz. 50c...	10
Fulgens. 3787. 2 $\frac{1}{2}$ feet. Red.....	10
Haageana Hybrids. 3788. 1 foot. Orange-scarlet.....	10
Haageana foliis atropurpurea. 3789. 1 foot. Orange-scarlet.....	10
Viscaria splendens. 3790. 1 $\frac{1}{2}$ feet. Deep pink.....	10
LYSIMACHIA Japonica (Creeping Jenny). 3795. HP. Summer. Yellow.....	
LYTHRUM roseum superbum (Rose Loosestrife). 3800. HP. 3 $\frac{1}{2}$ feet. July to Sept.....oz. 30c...	10
MALVA (Hollyhock Mallow). HP. 5 feet. July to Sept.	
Alcea. 3805. Pink.....oz. 50c...	05
Moschata (Musk Mallow). 3806. Crimson.....oz. \$1..	10
Moschata flore albo. 3807. White.....oz. \$1..	10

Marigold HA

AFRICAN VARIETIES

Stronger in growth and larger in flower than the French varieties. The dwarf sorts grow only about 18 inches high and bloom earlier than tall ones.

Delight of the Garden. 3810. Also dwarf and large- Pkt. Oz. flowered; lemon-yellow; double.....	\$0 05	\$0 50
Eldorado. 3811. Large, quilled, perfectly double; brilliant shades of yellow.....	05	40
Nugget of Gold. 3812. Golden yellow.....	05	50
Pride of the Garden. 3813. Extra-large, double flowers of rich yellow; dwarf and neat.....	05	50
Mixed Dwarf Double. 3814. 2 feet.....	05	50
Mixed Tall Double. 3815.....	05	40
Collection. 3816. One pkt. each of the above 6 varieties, 25 cts.		

GOLD MEDAL STRAIN, AFRICAN

Customers desiring really good Marigolds should try these. They produce flowers intensely double, over 4 $\frac{1}{2}$ inches in diameter.

Lemon Queen. 3818. Lemon..... Pkt. $\frac{1}{4}$ oz.	\$0 25	\$1 50
Prince of Orange. 3819. Golden.....	25	1 50

FRENCH VARIETIES

Dwarf Striped. 3820. 1 $\frac{1}{2}$ feet. This and the next Pkt. Oz. have flowers handsomely marked.....	\$0 05	\$0 40
Gold Striped. 3821. Rich and quaintly striped double flowers.....	05	50
Legion of Honor. 3822. Single golden yellow blooms, marked with velvety red; very dwarf.....	05	40
Tall Orange. 3823. 1 foot. Yields an amazing number of charming orange-colored little blossoms.....	05	40
Dwarf Mixed Double. 3824.....	05	40
Tall Mixed Double. 3825.....	05	40
Collection. 3826. One pkt. each of the above 6 varieties, 25 cts.		

MARVEL OF PERU (Four o'Clock). 3830. HA. Finest mixed. Pkt. 5 cts., oz. 15 cts.

MATHIOLA bicornis (Night-scented Stock). 3835. HA. 1 foot. Pink and lilac. Pkt. 5 cts., oz. 30 cts.

MATRICARIA (Feverfew). HHP. Very useful for bedding and cutting. Pkt.

Capensis. 3840. Double white. 1 $\frac{1}{2}$ feet.....oz. \$1....	\$0 10
Grandiflora. 3841. Double white. 1 $\frac{1}{2}$ feet.....oz. 75c...	10
Golden Ball. 3842. Double yellow. 9 inches.....	25
Double White Tom Thumb. 3843. 6 inches.....	10
Double Yellow Tom Thumb. 3844. 6 inches.....	10

MAURANDYA. HHP. 10 feet. Rapid climber.

Alba. 3850. White..... $\frac{1}{4}$ oz. \$1..	25
Barclayana. 3851. Deep violet..... $\frac{1}{4}$ oz. \$1..	10
Mixed. 3852..... $\frac{1}{4}$ oz. 75c...	10

Meconopsis HP

Cambrica (Yellow Welsh Poppy). 3853. 1 foot. A hardy perennial of very free growth, with erect pale yellow flowers; very showy. A capital plant for rockwork..... 10

Integrifolia. 3854. The flowers of this grand variety resemble those of the large oriental Poppy, but are of a pure, rich yellow color. They are from 6 to 9 inches in diameter, on stout stems well above the leaves.....3 pkts. \$1.25.. 50

Wallichii (Blue Himalayan Poppy). 3855. 3 feet. A hardy perennial, with gracefully drooping pale blue flowers..... 50

IMPORTANT. Owing to the war, prohibition of export and difficulty of transport, we expect some shortages in our crops. All offers are therefore made subject to delays in delivery beyond our control. To secure your requirements, it is advisable to order early.



Boddington's Majesty Mignonette

Mignonette

(Reseda) HA

This fragrant annual has long been one of the most popular garden flowers. By reselection we have obtained several new shades and greatly improved the growth of the existing kinds. The culture is easy; can be obtained in varieties suitable for in- and outdoors.

BODDINGTON'S MAJESTY.

3860. The finest of all the fancy varieties of Mignonette for winter forcing; an improvement on Allen's Defiance. Seed saved from select spikes under glass. We have received many testimonials in regard to this variety. $\frac{1}{2}$ pkt. 60c., pkt. \$1, $\frac{1}{2}$ oz. \$1.50.

Allen's Defiance. 3861. $1\frac{1}{2}$ feet. Very long spikes; very fragrant and fine for cutting. (Originator's stock.) Pkt. 25 cts., $\frac{1}{2}$ oz. \$1.

BISMARCK. 3862. New improved Machet, dwarf variety. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Giant Pyramidal. 3863. $1\frac{1}{2}$ ft. Pkt. 10 cts., oz. 50 cts.

GOLIATH. 3864. Plants of compact habit, with rich green foliage, the giant trusses of flowers being borne on erect, strong stems and surpassing all others in brilliancy of color. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Golden Queen. 3865. Spikes of golden yellow. Pkt. 10c., oz. 50c.

Large-flowering. 3866. Sweet-scented. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts.

Machet, Dwarf. 3867. Strong plants of pyramidal growth; long, broad spikes of deliciously scented red flowers. Pkt. 10 cts., oz. \$1.

Miles' Spiral. 3868. 1 foot. Pkt. 10 cts., oz. 50 cts.

New Giant Crimson. 3869. Giant crimson variety. (Pot-saved.) Pkt. 25 cts., $\frac{1}{4}$ oz. 50 cts.

New York Market. 3870. Specially recommended for pot-culture. The spikes measure 15 to 20 inches long. Very fragrant, excellent for shipping. Pkt. 50 cts., 3 pkts. \$1.25.

Parson's White. 3871. Splendid spikes of whitish flowers; sweet-scented. Pkt. 10 cts., oz. 50 cts.

MIMULUS (Monkey Flower.) HHP, 1 foot.

Cardinalis. 3875. Tall; orange-scarlet. Pkt. 10 cts.

Cupreus, Prince Bismarck. 3876. Dwarf, compact habit, very free-flowering; flowers deep crimson. Pkt. 25 cts.

Moschatus (Musk Plant). 3877. Invaluable for pot and Pkt. window-boxes. \$0 10

Tigrinus grandiflorus. 3878. Spotted; splendid mixture. 10

MINA Lobata. 3879. Half-hardy Mexican climbing annual. The buds are at first of a vivid red, but when fully expanded the flowers are of a creamy white shade. Height 10 to 20 feet. To procure the best results with this annual, the seed should be sown early. 10

Sanguinea. 3880. Brilliant blood-red flowers. 10

MOMORDICA Balsamina (Balsam Apple). 3882. HA. oz. 30c. 05

Charantia (Balsam Pear). 3883. oz. 30c. 05

MONARDA didyma (Oswego Tea, or Bee Balm). 3885. HHP. 3 feet. July to Sept. Crimson. Pkt. \$0 25

MUSA Ensete (Abyssinian Banana). 3887. HHP. Seeds germinate easily. One of the finest decorative plants. 100 seeds \$2. 25

Myosotis (Forget-Me-Not) HP

Very effective when grown in abundance, and planted in large masses. Sowing in June will produce flowers the following spring, and advantageous effects can be then obtained by mixing with bulbs.

Boddington's Pot. 3889. Forget-me-nots are delightful subjects for flowering indoors at Christmas. Sown in July and potted on, the strain we offer produces fine free-growing specimen plants. Pkt. 3 pkts. \$1.25. \$0 50

Alpestris. 3890. A pretty trailer with blue flowers. .oz. \$1. 10

Alpestris elegantissima caerulea fl.-pl. 3892. Double-flowered variety of the blue pyramidal-growing Alpine Forget-me-not, which, after repeated trials, has turned out to come nearly true (90 to 95 per cent) from seed. Height of the plants, 8 to 9 inches. .6 pkts. \$1. 20

Alpestris, Eliza Fonrobert. 3894. Fine for cutting; sky-blue, with yellow eye. .oz. \$1. 10

Alpestris, Royal Blue. 3896. Upright variety; flowers large, very deep blue; fine for pots. .oz. \$1.50. 15

Alpestris, Victoria. 3897. Dwarf habit; sky-blue. oz. \$2. 10

Dissitiflora. 3898. Compact habit; exquisite blue. $\frac{1}{4}$ oz. \$1.25. 10

Oblongata perfecta. 3899. Flowers borne on long flower-spikes; very suitable for winter blooming. Sow in June outdoors and transplant into coldframes or greenhouses for later blooming. .oz. \$1.25. 10

Palustris (True Forget-me-not). 3900. .oz. \$3. 15

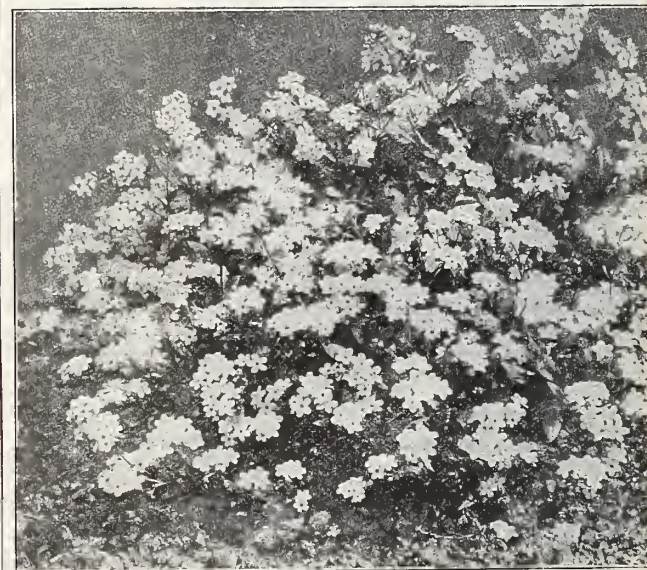
Palustris grandiflora. 3901. $\frac{1}{2}$ foot. Spring. Deep blue. 15

Semperflorens. 3902. Blooms from spring till autumn. oz. \$2.50. 10

Stricta rosea. 3903. 1 foot. Spring. Pink. 10

Ruth Fischer. 3904. Compact bushes, 12 inches in diameter, and literally covered with sprays of beautiful, heavenly blue Forget-me-not flowers. The individual spray is composed of from six to ten blooms, which are giants compared to the well-known flower. For edging in borders, or for a pot-plant, no finer blue flower has been in existence. This variety is absolutely hardy. 5 pkts. \$1. 25

MYRTUS communis (Common Myrtle). 3906. A handsome shrub, growing 3 to 10 feet high. 10



Myosotis alpestris (Forget-Me-Not), Victoria

NASTURTIUMS (*Tropæolum*) HA

When grown in large masses in the border they produce a brilliant effect. They commence to bloom in the late spring and continue profusely the whole season. All the varieties should be grown upon poor soil; this enables the flower to show above the foliage, while on rich soil, even though they flower abundantly, the flowers are hidden by the taller foliage. Water freely during the hot season.

Dwarf, or Tom Thumb (*Tropæolum nanum*)

Height, 1 foot

	Pkt.	Oz.
Aurora. 3910. Yellow; veined.....	\$0 05	\$0 15
Beauty. 3911. Yellow and scarlet.....	05	15
Bronze. 3912. Very distinct and effective.....	05	15
Chameleon. 3913. Crimson, bronze and yellow.....	05	15
Cloth of Gold. 3914. Scarlet flowers; golden yellow leaves.....	05	15
Cæruleo-roseum. 3915. Bluish rose.....	05	15
Crimson. 3916.	05	15
Crystal Palace Gem. 3917. Yellow and carmine.....	05	15
Empress of India. 3918. Deep crimson; fine dark foliage.....	05	15
Golden King. 3919. Golden yellow.....	05	15
King of Tom Thumbs. 3920. Scarlet.....	05	15
King Theodore. 3921. Black, velvety.....	05	15
Lady Bird. 3922. Yellow and red.....	05	15
Prince Henry. 3923. Light yellow, marbled scarlet.....	05	15
Rose. 3924.	05	15
Ruby King. 3925. Dark red.....	05	15
Scarlet. 3926. Variegated foliage.....	05	25
Snow Queen. 3927. The flowers open sulphur-color, but soon change to pure white.....	10	25
Spotted. 3928.	05	15
Vesuvius. 3929. New salmon-red.....	05	15
White or Pearl. 3930.	05	15
Yellow. 3931.	05	15
Mixed. 3932. 1/4 lb. 30c., lb. \$1.	05	10
LILLIPUT, Mixed. 3933. 6 inches.....	05	15
Queen of Tom Thumbs. (Variegated-leaved.) 3934. Scarlet.....	10	50
Queen of Tom Thumbs. (Variegated-leaved.) 3935. Yellow-spotted.....	10	50
Queen of Tom Thumbs. (Variegated-leaved.) 3936. Mixed.....	10	50
Collection. 3937. One oz. each of 12 varieties, \$1.50.		
Collection. 3938. One pkt. each of 12 varieties, 50 cts.		
Collection. 3939. One pkt. each of 8 varieties, 35 cts.		

Tall, or Climbing (*Tropæolum majus*)

Besides their ordinary garden use for trailing over fences, trellises, stone walls, etc., these can also be grown as pot-plants for winter flowering, as screens, or as trailers for hanging-baskets and vases. Sow plenty of seeds in drills, and thin to 6 inches. They bloom most quickly and profusely in poor soil.

	Pkt.	Oz.
Chameleon. 3950. Various colors on same plant....	\$0 05	\$0 15
Dark Crimson. 3951.	05	15
Edward Otto. 3952. Brownish lilac.....	05	15
Golden-leaved. 3953. Scarlet flowers.....	05	15
Hemisphaericum. 3954. Orange.....	05	15
Jupiter. 3955. New giant-flowered; beautiful golden yellow.....	05	15
King Theodore. 3956. Dark red; extra fine.....	05	15
Orange. 3957.	05	15
Pearl. 3958. Whitish.....	05	15
Scarlet. 3959.	05	15
Scheuerianum, Spotted. 3960.	05	15
Scheuerianum, Striped. 3961.	05	15
Schillingi. 3962. Yellow, spotted.....	05	15
Schulzi. 3963. Darkest-leaved.....	05	15
Vesuvius. 3965. Fiery rose; fine.....	05	15
Yellow. 3966.	05	15
Fine Mixed. 3967. 1/4 lb. 30c., lb. \$1.	05	10
Tall Queen, Crimson Beauty. (Variegated-leaved.) 3968. Crimson-scarlet.....	10	50
Tall Queen, Scarlet Beauty. (Variegated-leaved.) 3969. 2 pkts. 25c.	15	
Tall Queen, Mixed. (Variegated-leaved.) 3970.	10	50
Collection. 3971. One oz. each of 12 varieties, \$1.50.		
Collection. 3972. One pkt. each of 12 varieties, 50 cts.		
Collection. 3973. One pkt. each of 8 varieties, 35 cts.		

Lobb's Nasturtiums (*Tropæolum Lobbianum*)

This class is remarkable for the intensely brilliant colors of its flowers, which are a trifle smaller than those of other sorts. In moderately rich soil they climb high and bloom brilliantly. Average height, 6 feet.

	Pkt.	Oz.
Asa Gray. 3975. Yellowish white.....	\$0 05	\$0 25
Black Prince. 3976. Darkest scarlet.....	05	25
Crown Prince of Prussia. 3977. Blood-red.....	05	25
Firefly. 3978. Dark scarlet.....	05	25
Geant des Batailles. 3979. Sulphur and red.....	05	25
Lilli Schmidt. 3980. Scarlet.....	05	25
Lucifer. 3981. Very dark scarlet.....	05	25
Madame Gunther Hybrids. 3982. Wide range of fine colors.....	05	25
Marguerite. 3983. Pale yellow, flushed blood-red.....	05	50
Primrose. 3984. Cream, with brown spots.....	05	50
Spitfire. 3985. Brilliant scarlet.....	05	25
Finest Mixture. 3986.	05	20

Collection. 3987. One pkt. each of 10 varieties, 40 cts.



Boddington's Quality Nasturtiums

SPECIAL OFFER No. 3988	{ 2 ozs. Nasturtium Tom Thumb, Mixed { 2 ozs. Nasturtium Tall, Mixed { 1 pkt. Nasturtium Lobbianum, Mixed	Mailed free for 25 cts.
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Nigella, Miss Jekyll

NEMESIA, Large-flowered. HHA. Free-flowering and bushy; splendid for massing.

	Pkt.
Carmine. 3990.....	\$o 25
Cream and White. 3991.....	25
Orange. 3992.....	25
Red. 3993.....	25
Scarlet. 3994.....	25
Striped. 3995.....	25

Collection. 3996. One pkt. each of the above 6 varieties, \$1.25.

DWARF VARIETIES. Fine for edgings and pot culture.

Blue Gem. 3997.....	50
White Gem. 3998.....	50

NERTERA depressa (Madderwort). 3999. GP. Extremely pretty for pot or rockery; dense tufts of foliage thickly studded with tiny scarlet berries..... 25

Nicotiana (Tobacco Plant)

Affinis (Tobacco Plant). 4000. HA. 3 feet. Clusters of long Pkt. white flowers; fragrant.....	oz. 50c., \$o 10
Affinis, Choice Hybrids. 4001. Fine variety of bright colors; sweet-scented.....	15
Sanderæ. 4002. Bright carmine-red.....	10

NICOTIANA, continued

SANDERÆ HYBRIDS. They are perfectly hardy and will bloom in the open air all through the summer.

	Pkt.
Alba. 4005. White.....	\$o 10
Alba magnifica. 4006. Large white.....	10
Carmine. 4007. Red.....	10
Carnea. 4008. Flesh-color.....	10
Purpurea. 4009. Purple.....	10
Rosea. 4010. Rose.....	10
Rubra. 4011. Reddish purple.....	10
Violacea. 4012. Violet.....	10
Mixed. 4014.....	1/2 oz. 50c. 10

Collection. 4013. One pkt. each of 8 varieties of Sanderæ Hybrids, 60 cts.

Nigella, Miss Jekyll (Love-in-a-Mist) 4020 HA

Lovely variety, giving an abundance of long-stemmed flowers which are of a clear cornflower-blue, prettily set in slender foliage. One of our most attractive annuals. The plants are extremely hardy, and an autumn sowing produces the best specimens for flowering the following summer. Those who require plenty of long-stemmed, graceful flowers of an attractive cornflower-blue color should obtain seed of this delightful variety of Love-in-a-Mist and sow outdoors during April. Height 18 in. (See illustration.) Pkt. 10c., oz. \$1.

Finest Mixed. 4022. Pkt. 5 cts.

ÆNOTHERA (Evening Primrose). HP.

	Pkt.
Fraseri. 4025. 1½ feet. June to Sept. Yellow.....	\$o 10
Fruticosa major. 4026. 2 feet. June to Aug. Golden yellow.....	10
Lamarckiana. 4027. 2 feet. June to Aug. Golden yellow..	10
Missouriensis. 4028. 1 foot. Summer. Golden yellow....	10
Rosea Mexicana. 4029. 1½ feet. Summer. Pink.....	20
Taraxacifolia. 4030. 1½ feet. Summer. White.....	10
Youngii. 4031. 2 feet. Summer. Yellow.....	25
Annual Varieties, Mixed. 4032.....	05

OXALIS. HHA. A charming annual; very showy for beds and rock-garden; height 6 inches.

Alba. 4035. White.....	10
Delicata. 4036. Pink.....	25
Rosea. 4037. Rosy.....	10
Tropæoloides. 4038. Dark bronze foliage.....	10



Nicotiana affinis

PANSIES (HP) Boddington's Giants

Our Giant Pansy Seed during the past season gave unprecedented satisfaction. All the testimonials received mentioned specially the high grade of flowers—color, form and size of the blossoms. This year, by adding improved types, intending customers can absolutely rely on a duplication of last season's success.

Sow seed in April, in light and well-moistened soil, improved by Clay's Fertilizer, cow-manure, or bone meal, in flats. When the seedlings are large enough to handle, transplant to permanent position, which must be light, well sheltered, and away from trees or branches. If exhibition blooms are wanted, allow only one bloom to grow on each shoot; water freely. Can also be sown in July and August for the following spring; protection from frost is necessary.

Recent News Item:—"A proposal is on foot to make Pansy the national flower of the United States."

Boddington's Challenge. 4040. This Challenge mixture contains all the finest Giant strains of the leading Pansy specialists in the world—the Giant self-colors, the Giant striped and margined, and the Giant blotched—all carefully mixed in proportion. **25 cts. per half-packet, 50 cts. per packet, \$2.50 per quarter-ounce, \$4.25 per half-ounce, \$8 per ounce.**

Boddington's English Exhibition Mixed. 4041. This strain of Giant Pansies introduced three years ago, has proved very satisfactory. Contains some very un-



Pansy, Boddington's Challenge

usual colors and markings. . . . 1/8oz. \$2.50. \$0 50 1/4oz. \$4 25 Oz.

Bugnot's Exhibition. 4042. Extra-choice flowers; large and plenty of light colors. . . . 25 3 75 \$13 50

Cassier's. 4043. A fine strain of large flowers. . . . 25 2 50 8 00

Masterpiece (Frisled Pansies). 4044. Petals beautifully waved. Exquisite colors. . . . 25 1 50 5 00

Orchidæflora, or Orchid-flowered Pansy. 4045. Contains many beautiful shades of gorgeous colors. . . . 50 2 50 8 00

Sim's Gold Medal Mixture. 4046. Was awarded the First Prize and Gold Medal at the International Horticultural Exhibition, held at the Grand Central Palace, New York City, April, 1913. This splendid mixture is the result of years of painstaking cultivating and selecting on the part of Mr. William Sim (renowned for Sweet Peas). Is undoubtedly the finest achievement in Pansy mixtures. . . . 3 pkts. \$2. 1/8oz. \$5.75. 75

Trimardeau. 4047. Mammoth flowering and in a good range of color. . . . 15 1 00 3 00

Triumph of the Giants. 4048. A superb mixture of exceedingly large and beautifully marked Pansies. . . . 50 3 00 10 00

Pansies in Separate Colors

ADONIS. 4051. Light blue, with white center. \$0 25 Pkt. 1/4oz. \$2 00 Oz. \$7 50

ANDROMEDA. 4052. Rosy, with lavender tint; a distinct type. . . . 25 1 75 6 50

BRIDESMAID. 4053. Giant flowers of rosy white, setting off strikingly the dark blotches of the center. A unique bloom. . . . 25 2 00 7 50

Canary Bird. 4054. A five-spotted yellow variety on yellow ground. . . . 25 1 50 5 00

EMPEROR FRANCIS JOSEPH. 4055. Pure white, violet spots. . . . 25 1 75 6 50

Emperor William. 4056. Ultramarine-blue. . . . 15 1 00 3 50

Fire King. 4057. Brilliant red-yellow, with large brown eye. . . . 25 1 25 4 00

Golden Queen. 4058. Bright yellow, no eye. . . . 25 1 50 5 00

Golden Yellow. 4059. Yellow, brown eye. . . . 15 1 00 3 00

Hydrangea-Rose. 4060. Very distinct. . . . 25 1 50 5 00

King of the Blacks (Faust). 4061. Black. . . . 15 1 00 3 50

Lord Beaconsfield. 4062. Deep purple-violet, top petals light blue. . . . 15 1 00 3 50

Mme. Perret. 4063. Many fine shades of red. . . . 25 1 25 4 00

MAUVE QUEEN. 4064. A delicate mauve Pansy, each of the lower three petals marked with a large blotch of distinct carmine. . . . 25 2 00 7 50

PEACOCK. 4065. Beautiful vari-colored variety 25 1 75 6 50

President McKinley. 4066. Golden yellow, large dark blotch. . . . 25 1 50 5 00

Prince Bismarck. 4067. Yellowish bronze. . . . 15 1 00 3 50

Giant Pretiosa. 4068. Crimson-rose, white margin. . . . 50 1 75 6 00

PSYCHE. 4069. Violet bordered white; beautifully waved petals. . . . 25 2 00 7 50

Rosy Lilac. 4070. 15 1 00 3 50

RUBY KING. 4071. Superb crimson and red shades. . . . 25 2 00 7 50

SNOWFLAKE. 4072. Immense. Pure white. . . . 25 2 00 7 50

Snow Queen. 4073. White, center tinged yellow. 15 1 00 3 50

Striped. 4074. 15 1 00 3 50

VULCAN. 4075. Giant brilliant dark red, with five black blotches. . . . 25 1 75 6 50

White. 4076. Violet spot. . . . 15 1 00 3 00



Papaver orientale (Oriental Poppy)

Papaver (Perennial Poppy) HP

Unequaled for permanent beds.

	Pkt.
Alpinum, Mixed. 4120. 1 foot. All colors. Summer.....	\$0 10
Bracteatum hybridum. 4125. 2½ feet. Red. Summer....	10
Bracteatum Livermere. 4126. 2½ feet. Crimson. Summer..	10
Involueratum maximum. 4128. 2½ feet. Red. Summer..	10

NUDICAULE (Iceland Poppy)

All Iceland Poppies may be treated as annuals if sown under glass in spring, and should be sown in the open ground in July for flowering the following spring.

	Pkt.
Album. 4129. White.....	¼ oz. 75c. \$0 10
Cocceum. 4130. Scarlet.....	¼ oz. 75c. 10
Croceum. 4131. Yellow.....	¼ oz. 75c. 10
Mixed. 4132.	¼ oz. 50c. 10

ORIENTALE

Very hardy and early flowering.

Blush Queen. 4135. 3 feet. Pink. Summer.....	10
Brightness. 4136. 3 feet. Scarlet. Summer.....	10
Brilliant. 4137. 3 feet. Crimson. Summer.....	10
Colosseum. 4138. Brilliant deep scarlet; immense flowers, 7 to 7½ inches across.....	10
Goliath. 4139. 3 feet. Crimson. Midsummer.....	10
Grand Mogul. 4140. 3 feet. Crimson. Midsummer.....	10
Mammoth. 4141. Bright scarlet flowers, borne on 4-foot stems.....	10
Parkmanii. 4142. 3 feet. Scarlet. Midsummer.....	10
Prince of Orange. 4143. 3 feet. Orange. Midsummer.....	10
Royal Scarlet. 4144. 3 feet. Scarlet. Midsummer.....	10
Salmon Queen. 4145. 3 feet. Salmon. Midsummer.....	10
Trilby. 4146. 3 feet. Salmon. Midsummer.....	10
Mixed. 4147.	¼ oz. 75c. 10

Collection. 4148. One pkt. each of the above 12 Oriental Poppies, \$1.

For Single and Double Annual and Shirley Poppies, see page 71.

PASSIFLORA cærulea (Passion Flower). 4150. HP. An Pkt. elegant climber for walls.....\$0 10

Pentstemon (Beard Tongue) HHP

Highly ornamental plants, with an abundance of gloxinia-like blossoms.

Gloxinioides, Boddington's Hybrids. 4155. The Pkt. varieties

we offer are saved from large gloxinia-shaped flowers, comprising the most varied colors from white to deepest crimson, with intermediate shades of rose-pink and lavender. Seeds sown in heat during January or February will bloom the same season.

3 pkts. \$1.25. \$0 50
Boddington's Pink Shades. 4156. Exquisite shades of rose-pink and carmine, on white grounds only.....3 pkts. \$1.25. 50

Sensation. 4157. It grows about 2 feet high, every branch being a spike of large gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc.....5 pkts. \$1. 25

Barbatus Torreyi. 4158. A very free-flowering hardy Pentstemon, with long coral-like flowers..... 10

Digitalis. 4159. 3 feet. June to August. Pure white..... 10

Hartwegii grandiflorus. 4160. 3½ feet. Grand hybrids in mixture..... 10

Pubescens. 4161. 3 feet. June to August. Lavender..... 10

Pulchellus hybridus. 4162. Shades of lilac and red..... 10

(See also Chelone, page 51)

Pepper

Boddington's Bird's-Eye. 4165. HHA. This is a miniature Pepper, bearing a great profusion of scarlet berries well above the foliage. This proves an invaluable plant for Christmas, and is easily grown.

oz. \$1. 10
Celestial. 4166. Finest strain. One of the best plants for Christmas..... 10



Pentstemon gloxinoides, Boddington's Hybrids



Petunia, Boddington's Double Fringed and Single Century Prize

PETUNIAS HHA

The Petunia is popular because it is of easiest cultivation, blooms from early summer continuously until frost, and is one of the most showy and free-growing annuals. 1 to 1½ feet.

Double Varieties

Double Petunias are equally valuable for culture in the open ground or as pot-plants in the greenhouse. It is important to prick out the smallest seedlings as they usually give the finest double flowers.

Boddington's Double Fringed, Mixed. 4175. Pkt.

Our double Petunias have reached the highest standard of excellence, and may be confidently relied on to produce a large proportion of double flowers of exquisite beauty and great size. It is important to save the smallest seedlings, as they produce the finest double flowers. ½ pkt. 60c... \$1 00

Double Fringed Rosea. 4177. This variety is of the giant double-flowering class of the Fringed Perfection type; color of the flowers a delightful soft pink and pink and white mottled.

½ pkt. 60c... 1 00

Double Snowball. 4178. The finest double pure white.

½ pkt. 60c... 1 00

Single Varieties

Care should be taken to give each plant sufficient room to branch, so as to form magnificent blooms like photo above.

Bar Harbor Beauty. 4180. The prettiest and the most effective of all single Petunias; color a beautiful rose. Thousands of seedlings show not the slightest variation in color; on this account it is most effective for massing. 5 pkts. \$1.. \$0 25

Canary Bird. 4181. The plant attains a height of about 14 inches and is of a compact habit of growth. The flowers are of medium size, with finely fringed and curled borders and of a distinct yellow which deepens in the throat. 3 pkts. \$1.25... 50

Century Prize. 4182. Gigantic single flowers, having the edges deeply ruffled or fluted; fine substance, with deep white throats. Colors vary from pure white, through all shades of red, to dark purple-violet, many being beautifully striped or veined. ½ pkt. 60c... 1 00

Emperor. 4183. Large blossoms, distinct in form, coloring and marking. The solid colors are particularly rich and velvety, some of the crimson blossoms have pink stars, some pure white stars, while others are distinctly striped. 50

Erskine Park Belle. 4184. This is a remarkably pretty Petunia, raised by Mr. E. J.

Norman, gardener for Mrs. George Westinghouse. The color is deep rose-pink; flowers as large again as our Bar Harbor Beauty, and slightly frilled; an excellent variety for bedding or for borders, and if seed-pods are removed will bloom the whole summer. We can highly recommend it.

5 pkts. \$1, ¼ oz. \$2.50.. \$0 25

Howard's Star. 4185. Rich crimson, with a distinct white star in center. 15

Inimitable Dwarf Compact Hybrids, Single. 4186. Flowers blotched and striped. 5 pkts. \$1.. 25

King Alphonso. 4187. This fine Petunia of the Grandiflora superbissima class, bears very large, dark crimson flowers. The petals are boldly waved and frilled to such an extent that the widely opened, brilliant black throat of the flower is often almost concealed. A grand variety. 3 pkts. \$1.25.. 50

Rainbow. 4188. This large-flowering single variety is of immense size, throats of intense yellow, lobes and fringe of rainbow colorings making a very attractive combination. 5 pkts. \$1.. 25

Rheingold. 4189. Has very large flowers of noble shape, with widely opened throat, far up toward the outer margin, steeped with clear, bright golden yellow, untarnished by the usual net of dark veins, and which with the pure white margin makes a most marvelous effect. No lover of Petunias can afford to be without the "Rheingold". 3 pkts. \$1.25.. 50

Rosy Morn. 4190. Soft carmine-pink. 15

Ruffled Giants. 4191. A grand selection of single fringed Petunias in a bewildering profusion of colors, some most beautifully veined and all handsomely ruffled. 50

Snowstorm. 4192. Pure white, single. This variety comes true from seed. 5 pkts. \$1.. 25

Hybrida, Single Mixed. 4193... oz. 75c.. 05

PHACELIA campanularia. 4200. Very showy hardy annual, with bright blue, bell-shaped flowers. One of the earliest annuals to bloom, and lasts in perfection a long time. 9 in. 25

PHLOX decussata (Flame Flower). Pkt. 4205. HP. 3 feet. Newest hybrids. For best results should be sown as soon as gathered in the autumn. Supplied in mixture only. June to Aug.. \$0 25

Phlox Drummondii grandiflora HA. Height 18 inches

For brilliant effect and continuous blooming in the flower-garden the Phlox cannot be surpassed. They should be sown outdoors in May, in a situation well open to the sun, and they will flower and be a mass of color in July and continue until late autumn. Seeds may be sown in a hotbed in March and flowers be had in June.

	Pkt	1/4oz.
Alba. 4206. Pure white.....	\$0 10	\$0 50
Atropurpurea oculata. 4207.		
Purple, white eye.....	10	50
Brilliant. 4208. The finest brilliant crimson in existence.....	10	50
Chamois-Rose. 4209. Soft shade.....	10	50
Rosea. 4216. Rose.....	10	50
Splendens. 4217. Scarlet.....	10	50
Stellata splendens. 4218. Star-like crimson.....	10	50
Violet. 4219. Violet, white eye.....	10	50
Grandiflora, Mixed. 4220.		
oz. \$1.50.....	10	40
COLLECTION. 4221. One pkt. each of the above 12 varieties.....		\$1 00
COLLECTION. 4222. One pkt. each of 6 varieties.....		50

Boddington's Phlox Drummondii

	Pkt	1/4oz.
Coccinea. 4210. Scarlet.....	\$0 10	\$0 50
Crimson. 4211.	10	50
Eclipse. 4212. Violet.....	10	50
Isabellina. 4213. Yellow.....	10	50
Kermesina. 4214. Vivid crimson.....	10	50
Leopoldii. 4215. Scarlet, white eye.....	10	50

DWARF VARIETIES

Plants of this charming section grow only 6 or 8 inches high, and form dense masses of bloom all summer. Especially useful for beds, edgings, pots, etc.

Bunch of Roses. 4225. Very fine; pink and crimson. Pkt. 15 cts., 1/4oz. \$1.

Fireball. 4226. Bright flame-red. Pkt. 15 cts., 1/4oz. 75 cts.

Hortensiaeflora. 4227. Rose. Pkt. 15 cts., 1/4oz. 75 cts.

Snowball. 4228. Pure white. Pkt. 15 cts., 1/4oz. 75 cts.

Surprise. 4229. Brilliant vermilion, with pure white star center. Pkt. 15 cts., 1/4oz. 75 cts.

Dwarf Fancy Mixed. 4230. Pkt. 10 cts., oz. \$2.

PHYSALIS Francheti (Chinese Lantern Plant, or Winter Cherry). 4235. HP. Very pretty red-podded plants. Pkt. 10 cts.

PHYSOSTEGIA (False Dragon Head). HP. 3 1/2 feet. Pkt.

Speciosa. 4237. Pink. Midsummer..... \$0 10

Speciosa alba. 4238. White. Midsummer..... 10

Pinks, Double HP

Homer (Hybrid Red Clove Carnation). 4240. Fine double; dark rose with crimson center..... 50

Mrs. Sinkins (Hybrid White Clove Carnation). 4241..... 50

Also see Carnation and Dianthus

PLATYCODON (Japanese Bellflower). See **Wahlenbergia** and **Campanula**.

POLEMONIUM (Jacob's Ladder). HP. 1 foot. Pkt.

Ceruleum album. 4251. White. June to Oct..... \$0 10

Ceruleum grandiflorum. 4252. Deep blue. June to Oct..... 10

Richardsonii. 4253. Sky-blue. June and July..... 10

Polyanthus Primrose (*Primula elatior*) HP

Barr's Exhibition Crimson Varieties. 4255...... 6 pkts. \$1... 20

Barr's Exhibition White Varieties. 4256...... 6 pkts. \$1... 20

Barr's Exhibition Yellow Varieties. 4257...... 6 pkts. \$1... 20

Giant Blue. 4258...... 15

Giant Crimson. 4259...... 15

Giant White. 4260...... 15

Giant Yellow. 4261...... 15

Gold-laced. 4262. 10 inches. Mixed. Spring..... 25

Munstead Giant Strain. 4264. Pale yellow to the richest and deepest orange, also pure whites with dark orange centers. 6 pkts. \$1... 20

Finest English Mixed. 4265. 10 inches. Mixed. Spring.... 10

Primrose (Bunch-flowered Primrose). 4266. Mixed large-flowered bedding hybrids. Extra-choice strain..... 25



Carnation-flowered Poppy (see page 71)



Shirley Poppies

POPPIES HA

Annual Poppies will not stand transplanting; sow as early as possible, very thinly, preferably in cloudy weather. Barely cover the seeds and they will soon show above ground. Thin out to 4 inches apart for best results. Make several sowings to maintain succession of bloom. Be sure to plant some of the beautiful Shirley Poppies.

Single Varieties

Admiral Poppy. 4269. Brilliant scarlet and white. These two colors form an extremely telling contrast, similar to that seen in the variety Danebrog.....	3 pkts. 25c...	\$0 10
Danebrog. 4270. Large flowers of brilliant scarlet, with a silver spot on each of the petals.....	05	\$0 25
English Scarlet. 4271. The variety that grows in the "corn fields" of England.....	05	50
Flag of Truce. 4272. 2 feet. Large satiny white flowers 3 to 4 inches across; extremely handsome.....	05	25
The Tulip. 4274. (Glaucum.) This variety grows about 1 foot in height and closely resembles a Duc Van Thol Tulip.....	05	50
Umbrosum. 4275. Vermilion, with shining black spot on each petal.....	05	25
Fine Annual Single Mixed. 4276. Brilliant colors.....	05	20

Shirley Poppies, Single

Brilliant, dazzling colorings and wonderful variety; very effective for display in the garden or for cut-flowers. Shirley Poppies can be sown in the late summer for fall flowering being very effective at that season of the year, and fully repaying any trouble.

Apricot-White. 4280	\$0 10
Carmine-Crimson. 4281	10

SHIRLEY POPPIES, continued

Deep Apricot. 4282.....	Pkt. \$0 10
Deep Pink. 4283.....	10
Deep Scarlet, Cream Base. 4284.....	10
Orange-Pink and White. 4285.....	10
Orange-Pink, White Center. 4286.....	10
Orange-Scarlet, White Center. 4287.....	10
Pure White. 4288.....	10
Rosy Pink, Frilled Edge. 4289.....	10
Rosy Pink, White-edged. 4290.....	10
Rosy Scarlet, White Base. 4291.....	10
White, Pink-edged. 4292.....	10
White Shaded, Pink. 4293.....	10
White, Salmon-Pink. 4294.....	10
Finest Mixed. 4297.....	oz. 50 cts., 1/4 lb. \$1.25.. 05
Collection. 4295. One pkt. each of above 15 varieties, \$1.25	
Collection. 4296. One pkt. each of 8 varieties, 75 cts.	

Double Varieties

American Flag. 4300. These are robust growers, about 2 feet high, well branched, bearing freely large flowers; a pure white ground, margined dark orange-scarlet....	Pkt. \$0 05	Oz. \$0 50
Cardinal. 4301. Dwarf. Rich cardinal-scarlet; fringed..	05	25
Carnation-flowered. 4302. 2 feet. Flowers round, very double and with finely fringed petals. Finest mixed...	05	20
Chamoise. 4303. Delicate rose.....	05	25
Japanese Pompone. 4304. Very free-blooming; small flowers the size of the Pompone Dahlia... 1/4 oz. 50c...	05	
Peony-flowered. 4305. 2 feet. Finest mixed.....	05	20
Ranunculus, or French. 4306. Choice mixed.....	05	25

<u>Ranunculus, Salmon Shades.</u>	4307.	Range from the most delicate light salmon-rose to brilliant salmon-orange, and present a most delightful effect.....	6 pkts. \$1..	20
Rosy Pink.	4308.	Pretty pink.....		05
The Mikado.	4309.	The petals are cut and fringed; pure white at the back, fringed edges brilliant scarlet.....		05
White Swan.	4310.	Pure double white flowers; beautifully fringed.....		05

Collection. 4311. One pkt. each of above 11 varieties, 50 cts.

ICELAND, ORIENTAL and other **HARDY POPPIES.** See Papaver.

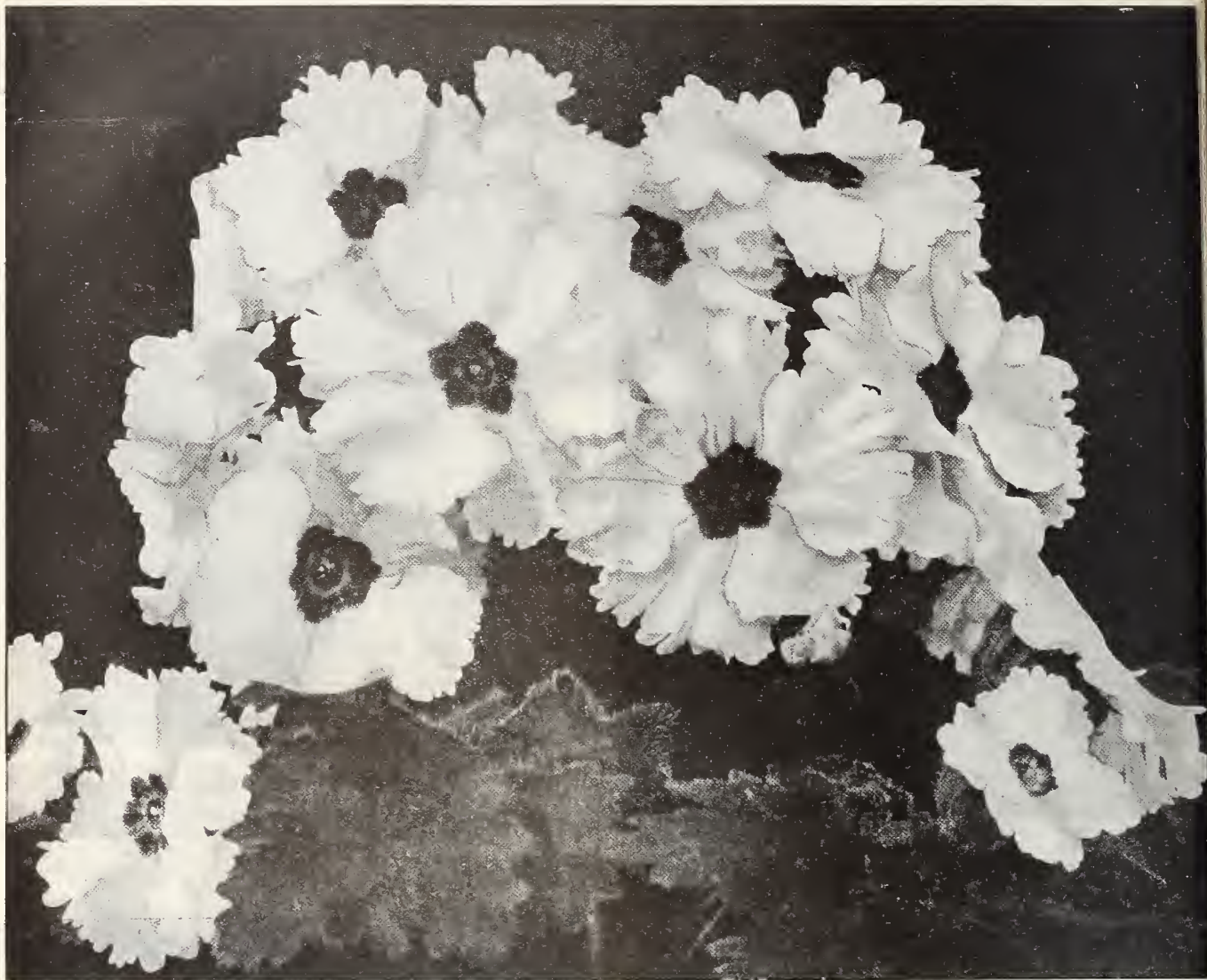
Portulaca (Sun Plant) HA

Very effective hardy annual, of easy culture, thriving best in rich light or sandy soil, in an exposed sunny position. Height, 6 inches.

Fine Mixed, Single. 4315	oz. 30c....	\$0 05
Fine Mixed, Double. 4316.....	1/4 oz. 75c....	10



Single Portulacas



Primula Sinensis, Boddington's Matchless Giant Pure White

PRIMULA SINENSIS, Boddington's Matchless

Our *Primula Sinensis* seed has been specially grown for us by the most celebrated English Primula specialist. The flowers are remarkable, not only for size, beauty and brilliancy of the colors, but for the great substance of the petals. Considerable care is necessary in order to secure the successful germination of the seed of the choice kinds of *P. Sinensis*. The most suitable periods for sowing are January to May for autumn, and June to August for spring blooming. Shallow pans, well drained, are the best, the soil consisting of sandy loam and leaf-mold, worked through a fine sieve; the pans when thus prepared, should be well watered before the seed is sown. Only a slight covering of soil or sand is needed. What has most to be guarded against is drought; the soil should be kept in as equable a degree of moisture as possible, never being on the dry side. We attribute more failures to this cause than to any other. Just at the time when the seed commences to germinate the least departure from this is fatal.

Single Varieties

	½pkt.	Pkt.
Blush-White. 4320. Blooms of great substance.....	\$0 60	\$1 00
Duchess. 4326. Large, pure white flowers, with zone of bright rosy carmine, surrounding a clear yellow eye....	60	1 00
Giant Art Shades. 4327. A delightful assortment of esthetic colors.....	60	1 00
Orange King. 4329. Orange-salmon, edged terra-cotta..	60	1 00
Queen Alexandra. 4330. Petals very solid and erect; robust foliage, with red stems. Large, pure white.....	60	1 00
Rose. 4331. Very fine rich color.....	60	1 00
Royal Blue. 4332. Rich dark blue; of large size.....	60	1 00
Scarlet. 4335. Blooms large, beautifully fimbriated...	60	1 00

	½pkt.	Pkt.
Sutton's Coral-Pink. 4340. The name describes it; habit dwarf and compact.....		\$1 25
Pure White. 4338. Blooms large, erect and free-flowering.....	\$0 60	1 00
Matchless Single Mixed. 4339. This selection includes all the finest Giant Single Primulas.....	60	1 00

Double Varieties

	Pkt.
Blue. 4345.	\$1 00
Crimson. 4346.	1 00
Pink. 4347.	1 00
Scarlet. 4348. Superb.....	1 00
White. 4349.	1 00
Matchless Double Mixed. 4350.	½pkt. 60c... 1 00

PRIMULA STELLATA (Sinensis)

We offer a greatly improved strain, saved from named varieties only. They make excellent pot-plants for decorative purposes.

	½pkt.	Pkt.
Blue Star. 4355. Heavenly blue.....	\$0 60	\$1 00
Pink Star. 4356. Soft pink.....	60	1 00
Purple Star. 4357. Rosy purple.....	60	1 00
Red Star. 4358. Intense carmine-red.....	60	1 00
Salmon Star. 4359. Deep salmon.....	60	1 00
White Star. 4360. Pure white.....	60	1 00
Star, Choicest Mixture. 4361.	60	1 00
Giant Double Crimson Star. 4362	60	1 00
New Hybrid, Queen of Roses. 4365. Pretty hybrid of <i>Primula obconica</i> and <i>P. stellata</i> , producing shapely heads of large, beautiful, bright rose-colored flowers, remaining decorative for a long time. 1 foot.....	60	1 00

PRIMULA OBCONICA GIGANTEA

The following varieties are vast improvements on the old type of *P. obconica*. Being freer flowering and of sturdier habit, it is one of the most useful Primulas for pot culture or for the open border during the summer months. To obtain good plants for winter and early spring flowering, the seed should be sown in warmth the previous April or May, and wintered in a cool greenhouse or frame.

	Pkt.	3 pkts.
Alba. 4370. Free-blooming; pure white.....	\$0 50	\$1 25
Kermesina. 4371. Beautiful deep crimson.....	50	1 25
Lilacina. 4372. Beautiful lilac.....	50	1 25
Rosea. 4373. Lovely rose.....	50	1 25
Primula obconica gigantea grandiflora. 4374. Mixed varieties, containing pure white to deep crimson.....	50	1 25

Primula malacoides (The Giant Baby Primrose). **4386.** HHP. The plants branch very freely. The flowers, which are ¾ inch wide, are of a pretty light lilac, and are borne in whorls on long stems. If grown in a greenhouse, can be had in bloom in four months after sowing. 50 1 25

Malacoides alba. 4385. The white variety of the foregoing species and a great acquisition; very chaste and beautiful as a plant or cut-flower. The seedlings bloom four months from date of sowing; from January sowings they will flower from May to July, and by sowing in August a rich display of bloom lasts well into the winter months. 50 1 25

PRIMULAS. HALF HARDY HHP

Forbesi (Baby Primrose). **4400.** Rosy mauve..... \$0 25
Floribunda grandiflora (Buttercup). **4401.** Small, yellow flowers borne in great profusion; fine for pots. 25

Kewensis (Giant Buttercup). 4402. This plant is a strong grower, with bright green leaves and numerous erect flower-scapes, 10 to 18 inches in height, producing flowers in whorls at intervals along their whole length. The flowers are fragrant, bright yellow in color, with a slender tube and spreading limb nearly an inch in diameter. As a winter-flowering decorative plant it is an acquisition; very floriferous when in a small state. ½pkt. 60c... I 00

Kewensis, var. Farinosa. (Veitch.) 4403. The stems and foliage, being elegantly covered with a silvery white powder, make it a most charming and effective variety. The plant is of the same strong growth and habit as the type, with numerous fragrant, bright yellow flowers 75

PRIMULA, HARDY

Hardy Primulas are most suitable plants for rock and alpine gardens. The family is now so large that it is possible to have the different species in flower almost six months of the year.

	Pkt.
Acaulis. 4405. Finest large-flowered. Dark yellow.....	\$0 10
Auricula. 4407. Mixed.....	25
Cortusoides amœna (Sieboldii). 4409. Deep pink.....	25
Denticulata. 4410. Lavender.....	15
Denticulata alba. 4411. White.....	15
Elatior. 4412. Yellow.....	10
Japonica. 4414. Pure white.....	15

Pulverulenta. 4415. In habit and foliage it resembles *P. Japonica*, but differs in having larger and more richly colored flowers, and in having the flower-stems and calyces thickly coated with a white farina or meal. Deep purple-maroon 75
Rosea. 4416. Rose..... 15



Primula obconica gigantea

Veitchii. 4418. A fine species introduced from western Pkt. China, where it occurs at elevations of from 8,000 to 10,000 feet, on cliffs and dry banks, approaching the well-known *Primula cortusoides* in foliage and habit, but a finer and more robust species. The flowers, produced in an umbel of ten to twenty blooms, terminating in a scape some 12 to 14 inches high, are about an inch in diameter, of deep rose-color with an orange ring surrounding the yellow mouth of the tube..... \$0 75
Veris aurea. 4419. Yellow..... 25
Vulgaris (English Primrose). **4420.** Yellow..... ¼oz. 50c... 10
Inglescombe. 4421. A fine, selected strain of true Primrose. 6 pkts. \$1.. 20

For other hardy Primulas, see Polyanthus

PUERARIA Thunbergiana (Kudzu Vine). **4425.** HP. Very strong, hardy climber, making immense growth during the summer months. Grown chiefly for its foliage, which is very dense; quickly covers latticework or verandas, etc.... 10

Pyrethrum HHP**ORNAMENTAL FOLIAGE VARIETIES**

An exceedingly ornamental dwarf-growing yellow foliage plant, for edging and ribbon beds.

Aureum (Golden Feather). **4430.** 1 foot. Bright yellow Pkt. foliage; fine for bedding ½oz. 50c... \$0 05
Golden Moss. 4431. Intensely curled and crested; the most suitable for carpet bedding..... 25
Selaginoides. 4432. Foliage bright golden yellow, finely serrated; compact habit; fine for bedding ½oz. 75c... 10

FLOWERING VARIETIES

Comet-flowered. 4433. The flowers are large—2 to 3 inches across—either single or semi-double, and of the most bizarre form, the petals being rolled, twisted or sometimes tangled together..... 6 pkts. \$1.. 20
Roseum. 4434. Single red Pyrethrum..... 10
Uliginosum. 4435. White daisy-like flowers; very floriferous. 10
Hybridum fl.-pl. 4436. Double Pyrethrum. Beautiful aster-like flowers. All colors, from pure white to deep crimson..... 25
Choice Single Mixed. 4437...... 15

Rehmannia angulata

HHP 4440

The flowers, which are freely produced on the upper third of the branches, resemble individually those of *Incarvillea Delavayi*; they are 3 inches in diameter; rose-purple in color, with a rich yellow throat spotted with purple. The plants are of easy culture, and flower within nine months from the time of sowing the seed. Pkt. 25 cts., 5 pkts. \$1.

Angulata hybrida. 4441. The flowers are tigered and spotted and present a variety of coloring which will increase the popularity of this valuable plant. Pkt. 25 cts., 5 pkts. \$1.

Angulata, Pink Perfection. 4442. The large flowers, resembling those of the *Incarvillea*, are of a clear bright pink color, with a distinct pale throat, the markings of which vary considerably. Pkt. 35 cts., 3 pkts. \$1.

Rhodanthe HA

(Straw Flower)

A little-known plant, but very largely grown for the London Covent Garden Plant Market. Sow in 5- or 6-inch pots, and thin out to about ten plants. An intermediate temperature is all it requires. A most beautiful and attractive plant; pink and white; equally good for summer beds or borders, outside.

Maculata. 4445. Bright pink with crimson circle. Pkt. 5c., oz. 75c.

Maculata alba. 4446. Pure white; very beautiful. Pkt. 5 cts., oz. 75 cts.

Manglesi. 4447. Brilliant rose. Pkt. 5 cts., oz. 75 cts.

Finest Mixed. 4448. Pkt. 5c., oz. 60c.

Ricinus (Castor-Oil Bean) HA

From seed they quickly attain gigantic proportions, and are ornamental till destroyed by frost.

Borboniensis arboreus. 4450. 15 feet. Large and Pkt. Oz. \$0 05 \$0 15

Cambodgensis. 4451. 5 feet. Red-maroon. 05 25

Communis (Castor-oil Plant). 4452. 6 feet. Large, green foliage. 05 20

Gibsonii. 4453. 6 feet. Dark purplish red foliage. 05 20

Sanguineus tricolor. 4455. 10 feet. Red spotted fruit in clusters; red foliage. 05 10

Finest Mixed Varieties. 4456. 05 15

Zanzibarensis. The following are very distinct types of *R. Zanzibarensis*; handsome foliage, with distinct midribs.

Cinerascens. 4457. 05 25

Maculatus. 4458. 05 25

Niger. 4459. 05 25

Roseus. 4460. 05 25

Mixed. 4461. A race from East Africa, producing leaves of enormous size, varying in color from light green to purplish red. 05 15

Collection. 4462. One pkt. each of 4 Zanzibarensis varieties, 30 cts.

ROCKET, SWEET. See *Hesperis*.

ROMNEYA Coulteri. 4465. HHP. Large white California Pkt. Poppy. 1/2 oz. 50c. \$0 10

RUDBECKIA (Texas Cone Flower). These robust-growing plants are becoming very popular for border decoration. They are of very easy culture and produce showy flowers during summer and autumn.

Bicolor superba. 4470. HA. 1 1/2 feet. Bright yellow with black-purple center. \$0 10

Fulgida. 4471. HP. Small yellow flowers; very free. 10

Laciniata. 4472. HP. 3 to 5 feet. Yellow. 15

Newmani. 4473. HP. 2 feet. Golden yellow with velvety maroon center cone. 15

Purpurea. (Echinacea.) 4474. HP. Hardy purple sunflower 15

Grandiflora, Dwarf Mixed. 4496. Pkt. 10 cts.



Salpiglossis grandiflora, Tall Mixed

Saintpaulia Ionantha

(African Violet) HHP 4480

An interesting plant for greenhouse cultivation. The leaves, which are dark green, spread themselves laterally just over the soil, and form, as it were, a rosette, in the center of which springs up quite a bouquet of flowers, violet-like both in color and shape, 1 1/4 inches in diameter, and gracefully borne on stalks 2 to 3 inches high. Pkt. 25 cts., 5 pkts. \$1.

Salpiglossis

(Painted Tongue) HHA

This fascinating annual becomes more popular every year. The strains we offer are all of the large-flowering type and contain some wonderful colors and markings. Cannot be excelled for bedding in July and August. Height, 2 feet. Seed may be sown outdoors as soon as danger of frost is past or earlier in a hotbed or sunny window. Plant outdoors in May.

Grandiflora superbissima:

Aurea. 4485. Golden Pkt. 1/2 oz. \$0 15 \$0 35

Brilliant Crimson. 4486. 15 35

Brown with Gold. 4487. 15 35

Chamoise. 4488. Light pink. 15 35

Coccinea. 4489. Scarlet. 15 35

Light Blue. 4490. 15 35

Purplish Violet. 4491. 15 35

Rose. 4492. 15 35

Mixed. 4493. 10 25

Emperor, Mixed. 4494.

Forms one leading stem, and bears on its summit a bouquet of beautiful flowers, each veined with gold. 10

Collection. 4497. One pkt. each of 8 varieties \$1

ORCHID-FLOWERED, MIXED

A superior strain with large, veined, funnel-shaped flowers, much prized for cutting; very showy in beds or borders. Height 3 feet. Finest mixed, pkt. 25 cts., 5 pkts. \$1.

Salvia (Scarlet Sage) HHP 2 ft.

Magnificent bedding plants of the most brilliant and effective character. Laden with scarlet spikes, a bed forms a beautiful and highly attractive object. Sow early in hotbed or sunny window and plant out in May. Sown outdoors in May will flower from August on.

Splendens. 4500. Bright scarlet spikes, varying from Pkt. 1/2 oz. 16 to 24 inches in length. 05 \$3. \$0 10 \$1 00

Splendens aucubæfolia (Silverspot). 4501. Dark green leaves, with light sulphur spots, resembling an aucuba; bright scarlet flowers. 10 1 00

Splendens, Ball of Fire. 4502. Very dwarf and early. Varies from dark scarlet to blood-red. A well-known and popular hybrid. 10 75

Splendens carminea. 4503. Splendid rose-carmine. 25

Splendens, Clara Bedman (Bonfire). 4504. 1 1/2 feet. The spikes stand out stiff and erect, while they bear from twenty to thirty flowers each. 10 1 00

Splendens gigantea. 4505. Attains the enormous height of 7 feet. 10 75

Splendens, Little Lord Fauntleroy. 4506. Neat and compact, growing upright and free-flowering. 1/2 oz. 75c. 10

Splendens, Miniature. 4507. Early; dwarf; 12 inches; very free-flowering, covered the whole summer with large flower-spikes of rich scarlet. 25

Should you receive two copies of this Catalogue, we would esteem it a great favor if you would kindly pass one to a friend.



Salvia, Zurich

SALVIA, continued

- Splendens nana compacta, Triumph of Italy. 4508.** The Pkt.
novelty is its unique color which is a splendid vivid rose-lilac.
An excellent bedding variety..... 3 pkts \$1.. \$0 35
- Splendens pendula. 4509.** Drooping spikes. Very large,
drooping spikes of brilliant scarlet flowers..... 25
- Pittieri. 4510.** It forms well-branched and compact-growing
bushes of about 3 feet high, and stands all the summer in
full bloom. The flowers of a vivid cochineal-red, standing on
dark, rather bluish hued stems, and even the cups in which
the yet unopened flowers stand are quite dark... 4 pkts. 50c... 15
- Zurich. 4511.** A compact, very early and very free-flowering
variety, 12 inches in height, with erect spikes covered with
a mass of the most brilliant scarlet flowers. It commences to
bloom early in June, and continues to make a grand display
throughout the autumn..... 5 pkts. \$1, 1/4 oz. \$2.. 25
- Patens. 4512.** GP. Rich, deep blue; fragrant.... 1/2 oz. \$1.25... 25
- Patens compacta nana. 4513.** The very robust-growing
plants are extremely free-flowering. If sown early under glass,
the plants, which grow to a height of 18 inches; begin to bloom
in early July. Navy blue..... 3 pkts. \$1.. 35
- Turkestanica. 4515.** HHP. White and light pink. 3 feet
2 pkts. 25c.. 15
- SANVITALIA.** 6 inches. Half-hardy annuals of a very free-
flowering character. The flowers are bright yellow color,
with a dark disk.
- Procumbens. 4520.** Single yellow flowers with dark center. 10
- Procumbens fl.-pl. 4521.** Double bright yellow flowers... 10
- SAPONARIA (Soapwort). HP. 3/4 foot. Midsummer.**
- Ocymoides. 4525.** Rose..... 10
- Ocymoides splendens. 4526.** Crimson..... 10
- SAXIFRAGA (Megasea) Megasea Hybrids. 4528.** HP.
1 foot. Pink. Spring. Large-flowering..... 25

Scabious HA

Mourning Bride, Sweet Scabious, Pin-Cushion Flower, Egyptian
Rose, Etc.

A very showy, free-flowering plant, producing a great profusion of
beautiful and richly colored flowers. The tall varieties are especially
useful as cut-flowers. Seed can be sown in the spring any time after
danger of frost is past. They grow about 2 1/2 feet high, bloom early
in July, and continue without interruption until frost.

- | | Pkt. | Oz. |
|---|--------|--------|
| Tall Double Black-Purple. 4530 | \$0 05 | \$1 00 |
| Brick-Red. 4531 | 05 | 1 00 |
| Cherry-Red. 4532 | 05 | 1 00 |

SCABIOUS, continued

	Pkt.	Oz.
Tall Double Cherry-Red and White. 4533	\$0 05	\$1 00
Fire King. 4534	05	1 00
Flesh-color. 4535	05	1 00
Lilac. 4536	05	1 00
Pompadour. 4537	05	1 00
Rose. 4538	05	1 00
The Fairy. 4539	05	1 00
Snowball. 4540	05	1 00
White and Lilac. 4541	05	1 00
Mixed. 4543	05	60

The Bride. 4542. The flower-heads of large size,
of the purest snow-white, are borne on
long, wire-like stems nearly a foot in length, and thus
lend themselves to all floral work, as well as to floral
decoration..... 10 1 50

Collection. 4544. One pkt. each of 6 varieties, 25 cts.

Collection. 4546. One pkt. each of 12 varieties, 50 cts.

Dwarf Double Mixed. 4547..... \$0 05 60

PERENNIAL VARIETIES

- Caucasica. 4548.** 2 feet. Magnificent hardy perennial, with Pkt.
beautiful, large, light blue flowers..... \$0 10
- Caucasica perfecta. 4549.** Darker than the type, with white
center; showy..... 25
- Caucasica perfecta alba. 4550.** A splendid large flower; pure
white; grand for cutting..... 25
- Japonica. 4551.** 2 feet. Lilac. Summer..... 15



Boddington's Quality Scabious



One of the best Stocks in cultivation, Queen Alexandra
(see page 77)

Schizanthus (Butterfly Flower) HA 1½ ft.

Elegant free-flowering, hardy annuals for the garden in summer or for pot culture in the greenhouse during winter.

GRANDIFLORUS BODDINGTONII. Boddington's Select Pkt Hybrids. 4555. Plants exhibited by C. K. G. Billings (James Bell, Gardener) at the great International Flower Show, New York City, last April, were awarded First Prize and a Silver Medal. This strain is superior to any of the *Schizanthus* in cultivation; the flowers are much larger, better shaped, and the colors show a wide range, including shades of yellow, apricot, pink, salmon, carmine, crimson, mauve and purple, in various markings, and combinations. In habit, the plants are very dwarf and bushy, and the flowers invaluable for cutting. .3 pkts. \$2. .50 75

WISETONENSIS. 4558. The colors are varied, ranging from white with yellow center to pink with brown center. Most useful as a winter plant, and should be given a place in every greenhouse. 3 pkts. \$1.25. .50

Pinnatus, Mixed. 4559. Excellent for greenhouse or outdoor decoration; large flowers, beautifully spotted. .10

Retusus, Mixed. 4560. A mixture of all the most showy varieties. SEE, ALSO, NOVELTY PAGES .10

SEDUM caeruleum (Blue Annual Stonecrop). 4565. 3 inches. A useful plant for rockwork, edgings, stone walls or dry situations. .10

Senecio (Jacobæa)

Abrotanifolius aurantiacus (Groundsel). 4570. HP. 1 foot. Pkt. Purple. Summer. .50 10

Clivorum. 4571. HP. Rich orange-yellow flowers. It is quite hardy, and remains in bloom from five to six weeks during July and August. Height, 4 to 5 feet. .10

Elegans, Double Mixed. 4572. HA. Profuse-blooming hardy annuals with showy double flowers, very useful for beds or massing. Height, 9 inches. .10

Tanguticus. 4573. HP. A hardy herbaceous perennial, with erect stems, 5 to 6 feet in height, clothed with elegant cut foliage and dense terminal panicles of bright yellow flowers. A useful plant for the wild garden. Award of Merit, Royal Horticultural Society. .25

SENSITIVE PLANT, Mimosa pudica. 4575. HHA. 1 foot. One of the most remarkable and interesting plants in cultivation; the leaves, when touched, instantly fold up. .10

M. Spegazzinii. 4576. The largest of all sensitive plants. If sown early, the plants attain a height of 7 feet by mid-summer, covered with large, pinnated, sensitive leaves, and producing freely clusters of pinkish white flowers, the whole plant being covered with a blue hue. .25

SHAMROCK (True Irish). 4580. Small-leaved Shamrock. oz. \$2. .10

SILENE (Catchfly). Free-blooming plants of easiest cultivation, useful for beds and borders.

Armeria. 4585. HA. Mixed colors. .05

Pendula. 4586. 6 inches. Dwarf rose. Excellent for spring bedding. oz. 30c. .05

Pendula. 4587. 6 inches. Dwarf white. oz. 30c. .05

SMILAX. 4595. GP. .10

Medeola asparagoides myrtifolia. 4596. The new Baby Smilax for light effect. .50

SOLANUM (Jerusalem Cherry). HHP. .10

Arboreum. 4597. Very handsome large foliage; fine for bedding. .10

Capsicastrum. 4598. Covent Garden Strain. Upright; covered with scarlet berries during winter. .10

Capsicastrum Melvini. 4599. A very bushy, compact plant, 12 to 15 inches high, covered with brilliant scarlet, conical-shaped berries about ½ inch in diameter. Seed sown in January or February will produce fine specimen plants full of fruit for the holidays. .6 pkts. \$1. .20

Pyracanthum. 4600. Very spiny; handsome foliage; grand for semi-tropical bedding; grows 3 to 4 feet. Makes handsome specimens. .10

STATICE (Sea Lavender). HP. Deservedly increasing in popularity. Statice keeps in bloom for a long season and lasts well when cut. The light and graceful flowers are very effective when mixed with *Helichrysum*, etc.

Incana hybrida. 4605. 4 inches. Violet. June to Sept. .10

Incana hybrida alba. 4606. 18 inches. White. June to Sept. .10

Latifolia. 4608. 2 feet. Blue. June to Sept. .10

Sinensis. 4609. 16 inches. Yellow. June to Sept. .10

Suworowi. 4610. 18 inches. Rose. June to Sept. .10

STEVIA serrata. 4615. GP. 2 feet. Pure white; very fine. Produces very graceful sprays of tiny flowers; exceedingly valuable for cutting. ¼ oz. 40c. .10

STOCKS HHA

Summer-Flowering Varieties

The following varieties sown in the spring will bloom during the summer and autumn.

LARGE-FLOWERING TEN-WEEKS.	Pkt.	1/2oz.	1/4oz.
Brilliant Rose. 4620.....	\$o 10	\$o 75	\$1 25
Canary-Yellow. 4621.....	10	75	1 25
Crimson. 4622.....	10	75	1 25
Dark Blood-Red. 4623.....	10	75	1 25
Dark Purple. 4624.....	10	75	1 25
Dark Violet-Blue. 4625.....	10	75	1 25
Flesh-Color. 4626.....	10	75	1 25
Light Blue. 4627.....	10	75	1 25
Scarlet. 4628.....	10	75	1 25
Snow-White. 4629.....	10	75	1 25
Fine Mixed. 4630.....	10	75	1 25

Collection. 4635. One pkt. each of above 10 varieties, 90 cts.

Collection. 4636. One pkt. each of 6 varieties, 50 cts.

CUT-AND-COME-AGAIN (Perpetual). These splendid Stocks will flower continuously through the summer if sown early.

	Pkt.	1/2oz.
Apple Blossom. 4640. Light pink.....	\$o 15	\$1 00
Blue Jay. 4641. Light blue.....	15	1 00
Bridesmaid. 4642. Rose.....	15	1 00
Canary. 4643. Yellow.....	15	1 00
Carmine. 4644. Crimson.....	15	1 00
Chamoise. 4645.....	15	1 00
Flamingo. 4646. Blood-red.....	15	1 00
Peach Blossom. 4647. Soft pink.....	15	1 00
Princess Alice. 4648. White.....	15	1 00
Violet. 4649. Dark blue.....	15	1 00

Collection. 4675. One pkt. each of above 10 varieties, \$1.25

Collection. 4676. One pkt. each of 6 varieties, 75 cts.

CUT-AND-COME-AGAIN, WHITE. 4680. One of the best double white Stocks, taller growing than the Ten-Weeks. Pot-grown seed.....oz. \$6. \$o 15 \$1 00

MAMMOTH WHITE COLUMN. 4681. Of luxuriant growth, attaining a height of 3 feet in the open ground, producing a single long, sturdy spike of bloom closely furnished with enormous double flowers. Pure white..... 15 2 00

GIANT PERFECTION, White. 4682. Long pyramidal spikes of large, double flowers, splendid for glass culture and for florists' purposes. 1/4oz. \$1.75, 1/2oz. \$3.25. 15 1 00

DWARF SNOWFLAKE. 4683. Pure white; very large; double and early..... 25

Prince Bismarck, Pure White. 4685. Large-flowering

Pyramidal Ten-Weeks. This fine novelty Stock is of robust pyramidal habit and reaches the height of 2 1/2 feet and even more, under good cultivation.... 6 pkts. \$1.. 20

Winter Varieties

If sown in February and March in the hotbed or sunny window, these Stocks will flower in late summer. They make elegant plants for Thanksgiving and Christmas, if sown in July and August under glass.

Abundance. 4688. Excellent for a summer- or Pkt. 5 pkts. winter-flowering variety. The extraordinary growth of this variety is caused by the central stem dividing into twelve to fifteen lateral branches which, in their turn, produce fifteen to twenty side shoots, forming magnificent spikes of flowers. Color, fine shade of carmine-rose, similar to Queen Alexandra..... \$o 25 \$1 00

Almond Blossom. 4689. Another fine color of this splendid class, comprising our former introductions, Beauty of Nice, Queen Alexandra and Crimson King... 25 1 00

Beauty of Nice. 4690. Daybreak pink; one of the best... 15

Canary-Yellow. 4691. Undoubtedly the finest yellow Stock yet raised; produces large spikes of beautiful sweet-scented flowers on well-shaped plants. Wall-flower-leaved foliage, similar to that of our well-known Cut-and-Come-Again to which this variety makes a good companion. Height, 15 inches..... 25 1 00

WINTER VARIETIES, continued

Crimson King. 4692. The plant attains a height of 2 to Pkt. 5 pkts 2 1/2 feet, and throws a gigantic flower-spike 1 foot in length, around which are a number of side shoots, covered with large fragrant flowers of a brilliant fiery crimson, a large percentage of which are double..... \$o 25 \$1 00

Empress Augusta Victoria. 4693. A grand winter Stock. Color silvery lilac, surpassing in beauty all the blue shades; grand for cutting..... 25 1 00

Empress Elizabeth. 4694. Splendid winter Stock. Carmine-rose..... 25 1 00

Queen Alexandra. 4695. A splendid variety, with flowers of a delicate rosy lilac, a tint of incomparable beauty; for cut and bouquet work of exceptionally good value.. 25 1 00

East Lothian. 4700. Finest double mixed. No better Stock for blooming late in the autumn, or if sown in June and July will make handsome pot-plants in the conservatory during winter..... 25 1 00

Spring-Flowering Varieties

Splendid for glasshouse culture; sown in August will bloom in April and May.

Brompton, Red. 4705..... Pkt. \$o 10

White. 4706..... 10

White Lady. 4707. Large lustrous white flowers, borne on stems 20 inches long. One of the best whites... 6 pkts. \$1.. 20



Boddington's Quality Ten-Weeks Stocks (seed from pot-grown plants)

STOKESIA cyanea (Hardy Blue Aster). 4709. HP. 2 feet. Pkt. Blue. July to Oct..... \$o 10

STREPTOCARPUS. GP. A novel race of free-blooming greenhouse pot-plants, now in universal demand; bright, cheerful, lasting. The mixture we offer is a carefully fertilized strain. Sow in pans of rich soil in early spring, in heat, and pot off into small pots when large enough to handle. Keep the seed-pans moist.

Choice Hybrids. 4711. Superb mixture, the latest type in all colors..... 3 pkts. \$1.25.. 50

SUNFLOWERS. See *Helianthus* (page 59).

SWEET PEAS

NEW AND IMPORTANT VARIETIES—THE BEST FOR EXHIBITION



Robert Sydenham

THE following is a list of varieties displayed most frequently in the prize-winning exhibits at the shows of the American Sweet Pea Society at Newport, R. I., San Francisco, and Lenox, Mass., and the National Sweet Pea Society (British).

Full descriptions will be found on following pages.

N. B.—The crop of some kinds is very short, therefore we recommend early ordering to avoid disappointment

- Agricola. 5002. Rosy lilac.
- Barbara. 5020. Salmon.
- Blue Monarch. 5032. Navy-blue.
- Boadicea. 5034. Cattleya-mauve.
- Charles Foster. 5046. Hydrangea-pink.
- Clara Curtis. 5050. Deep cream.
- Constance Hinton. 5054. Pure white.
- Dobbie's Frilled Pink. 5076. Shell-pink.
- Doris Usher. 5084. Salmon-pink and cream.
- Edith Taylor. 5092. Rose-cerise.
- Florence Nightingale. 5126. Lavender with rose.
- Inspector. 5162. Orange-salmon.
- Maud Holmes. 5163. Intense scarlet.
- Mrs. Cuthbertson. 5228. Pale rosy pink.
- Norvic. 5254. Pure white.
- Nubian. 5256. Chocolate.
- Orangeman. 5260. Orange.
- Prince George. 5280. Lilac-rose.
- R. F. Felton. 5300. Lavender.
- Robert Sydenham. 5306. Orange-salmon
- Royal Purple. 5310. Purple.
- Scarlet Emperor. 5322. Bright scarlet.
- Thomas Stevenson. 5346. Orange-scarlet.
- Vermilion Brilliant. 5350. Scarlet.
- Wedgwood. 5360. Silvery blue.

Each, 20 cts. per pkt.

COLLECTION. One packet each of the above 25 varieties for \$4.50

FOR THE FORTHCOMING SUMMER EXHIBITION OF THE AMERICAN SWEET PEA SOCIETY, TO BE HELD AT BAR HARBOR, MAINE, JULY, 1916, WE TAKE PLEASURE IN AGAIN OFFERING OUR

Challenge Silver Cup. Value \$50

FOR A COLLECTION OF SWEET PEAS, 25 VARIETIES, NOT LESS THAN 25 STEMS TO A VASE, TO BE SHOWN WITH SWEET PEA FOLIAGE ONLY. TO BE WON TWICE BY THE SAME EXHIBITOR

We will also award to the winner of this cup (each time won) a cash prize of \$25; \$15 second, and \$10 third prize

This Challenge Cup was won last year at Newport, R. I., by Giraud Foster, Esq., Bellefontaine Gardens, Lenox, Mass.—Mr. Edwin Jenkins, Superintendent

Spencer Sweet Peas

DESCRIPTIVE ALPHABETICAL LIST OF STANDARD VARIETIES. REVISED AND BROUGHT THOROUGHLY UP TO DATE. FOR 1916 NOVELTIES, SEE PAGE 5

GRICOLA. 5002. The color is a pleasing shade of blush, suffused rosy lilac. One of the largest and best-shaped Sweet Peas we have for exhibition. Pkt. 20 cts., 6 pkts. \$1.

AMERICA SPENCER. 5004. A grand flower. Scarlet striped. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

ENGLIAN WHITE, IMPROVED. 5006. Large, pure white. Can be relied upon to produce four blooms to a stem. Pkt. 25 cts., 5 pkts. \$1.

APPLE BLOSSOM SPENCER. 5008. Rose and blush-pink; finely waved. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

ARTHUR GREEN. 5010. A light purple-maroon of waved or Spencer form. Pkt. 20 cts., 6 pkts. \$1.

ASTA OHN SPENCER. 5012. Lavender, suffused or tinted with mauve. Large and wavy; large and wavy wings, also. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

AURORA SPENCER. 5014. The ground-color of the flower is cream-white, flaked and mottled rich orange-salmon. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

BARBARA. 5020. Was agreed upon as being the best salmon exhibited at the recent International Horticultural Show held in New York. Pkt. 20 cts., 6 pkts. \$1.

BEATRICE SPENCER. 5022. The ground is white, tinted with soft pink and buff on the standard while each wing has a blotch of brighter pink near the base; most delicate and dainty. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

BERTHA MASSEY. 5024. Art shade of pale, mauvy lilac; strong grower. Pkt. 20 cts., 6 pkts. \$1.

BERTRAND DEAL, IMPROVED. 5026. Pale rosy lilac; of immense size; flowers are of fine form and beautifully waved and crinkled on the edges. Pkt. 20 cts., 6 pkts. \$1.

BLACK KNIGHT SPENCER. 5028. Dark bronze. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

BLANCHE FERRY SPENCER. 5030. Pale rosy standard; white wings. Pkt. 15c., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

BLUE MONARCH. 5032. Sun-proof navy-blue Spencer. It is a robust grower and throws four flowers on long stems. Pkt. 20 cts., 6 pkts. \$1.

ROADICEA. 5034. A giant opal-pink, delicately suffused pale cattleya-mauve. The flowers are of great size and substance, and beautifully waved; a very strong grower, and always bears an abundance of four-bloom sprays. A gem for exhibition. Pkt. 20 cts., 6 pkts. \$1.

CAPTAIN OF THE BLUES SPENCER. 5040. Standard purple, wings bright blue. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

CAPTIVATION SPENCER. 5042. The beautiful flowers are of a rich rosy wine-red throughout. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

CARENE. 5044. The color is a rich orange. Standards well waved. Pkt. 20 cts., 6 pkts. \$1.

CHARLES FOSTER. 5046. A peculiar combination of mauve and pink; very distinct. Pkt. 20 cts., 6 pkts. \$1, oz. \$1.50.

CHARM. 5048. Pure snow-white, suffused equally through standard and wings with delicate flesh- or blush-pink. Pkt. 15 cts., 2 pkts. 25 cts.

CLARA CURTIS. 5050. Deep cream, the best of its color; vigorous. Pkt. 20 cts., 6 pkts. \$1, oz. \$1.50.

CONSTANCE HINTON. 5054. A real white Spencer of immense size, with bold, upright standard 2 to 2 $\frac{1}{2}$ inches across, the wings as well as the standard being exquisitely frilled and waved. Pkt. 20 cts., 6 pkts. \$1.

CONSTANCE OLIVER. 5056. A beautiful shade of pink, overlaid with cream. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

COUNTESS SPENCER. 5058. Bright, clear pink, showing a little deeper at the edges. The form is open and the margins of the petals are wavy. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

DAINTY SPENCER. 5070. In a bud-state it looks like a pale primrose self; when opening first appears to be white, but quickly changes to white with a pink edge, more defined at the back. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

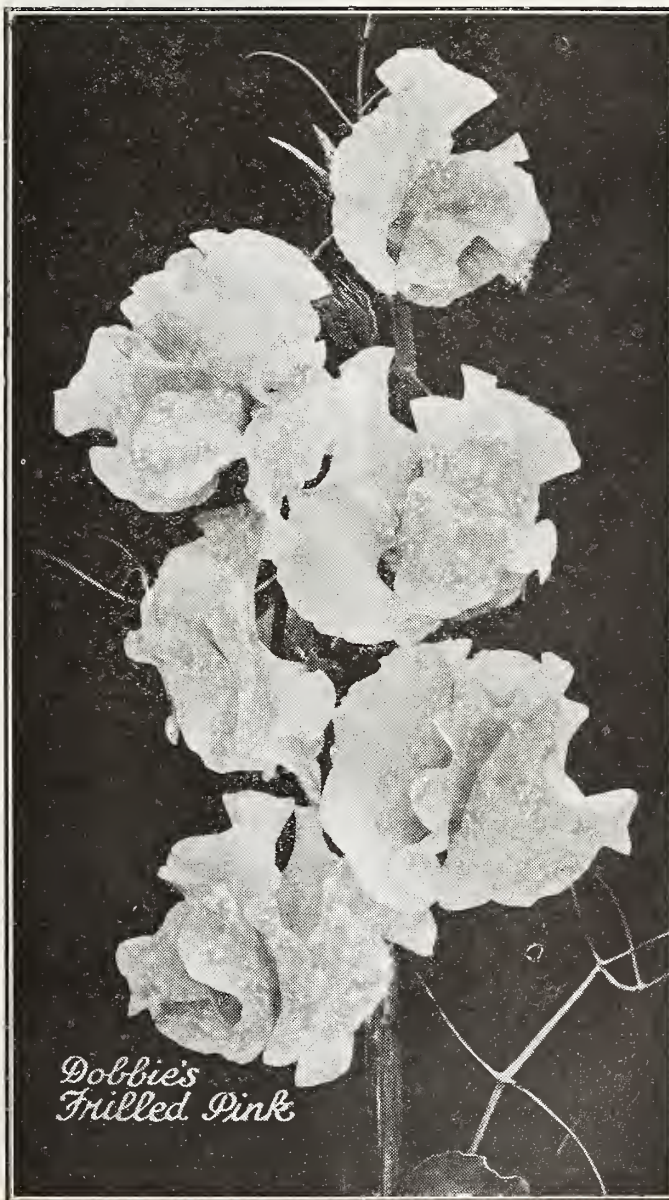
DECORATOR. 5072. The color is rich rose overlaid with terra-cotta, intensified to deep bright orange at base of wings. Pkt. 20 cts., 6 pkts. \$1.

DOBBIE'S CREAM. 5074. Beautifully frilled primrose. Very large. Pkt. 20 cts., 6 pkts. \$1.

DOBBIE'S FRILLED PINK. 5076. One of the most charming Sweet Peas ever raised. It is a duplex form of Countess Spencer at its best. Pkt. 20 cts., 6 pkts. \$1. (See illustration this page.)

DOBBIE'S ORANGE. 5078. Intense orange-flame-color. Vigorous and of superior form. Very free-flowering. Pkt. 25 cts., 5 pkts. \$1.

DORIS BURT. 5082. The color is a most brilliant light scarlet, slightly shaded cerise. For exhibition or table decoration it is excellent. Pkt. 20 cts., 6 pkts. \$1.



SPENCER SWEET PEAS, continued

DORIS USHER. 5084. Salmon-pink on cream ground; a pleasing combination of color, and a good exhibition variety. Pkt. 20 cts., 6 pkts. \$1.

DUPLEX SPENCER. 5086. In color, both the standard and wings are a rich cream-pink, and practically all the plants give flowers with double or triple standards. Pkt. 20 cts., 6 pkts. \$1.

EARL SPENCER. 5090. Large; beautiful orange or salmon-orange self, of Spencer type. Brilliant under artificial light. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.

EDITH TAYLOR. 5092. A very distinct, rosy cerise or salmon-rose, waved self. The blooms are large, four on a stem. Grand for exhibition or table decoration. Pkt. 20 cts., 6 pkts. \$1.

EDNA UNWIN. 5096. Excellent; orange-scarlet, rosy wings. Pkt. 20 cts., 6 pkts. \$1.

E. J. CASTLE. 5098. Carmine-rose, shaded salmon. Very striking. Oz. 15 cts., ¼lb. 40 cts., lb. \$1.50.

ELFRIDA PEARSON. 5100. The color is a lovely pink throughout, the buds and flowers being tinted with salmon-pink. Is indeed a popular variety; some gardeners proclaim it to be the best pink. Pkt. 20 cts., 6 pkts. \$1.

EMILY ECKFORD SPENCER. 5102. Flowers are rosy purple self-color at opening, but turn bluish purple as they reach full expansion. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.

EMPRESS EUGENIE. 5104. The color is a delicate tone of light gray, flaked with light lavender; beautifully waved and crimped. Pkt. 20 cts., 6 pkts. \$1.

ENCHANTRESS. 5106. Bright pink, shading a little deeper at the edges. Pkt. 15 cts., oz. 40 cts., ¼lb. \$1, lb. \$3.

ETHEL ROOSEVELT. 5108. The ground-color is a soft, pleasing primrose, or straw-color, overlaid with dainty flakes and splashes of blush-crimson. Pkt. 15 cts., oz. 40 cts., ¼lb. \$1, lb. \$3.

ETTA DYKE. 5110. Pure white Spencer; large, bold flower; borne usually four on a stem. Makes an excellent bunch for exhibition. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5. (See illustration, this page.)

FLORA NORTON SPENCER. 5122. Bright blue, with a little tint of purple. Pkt. 15 cts., oz. 40 cts., ¼lb. \$1, lb. \$3.

FLORENCE MORSE SPENCER. 5124. Delicate blush, with pink margin. Very large, with long stems and four blossoms to each. Pkt. 15 cts., oz. 40 cts., ¼lb. \$1, lb. \$3.

FLORENCE NIGHTINGALE. 5126. The flowers are truly magnificent and of immense size. The color is most charmingly soft and yet rich lavender, which is enlivened by a very faint sheen of rose-pink. The large, well-spread wings are of the same coloring, frilled and well waved. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.

FRANK DOLBY. 5128. Lovely pale blue. Large and fluted flowers. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.

GEO. HERBERT. 5142. The color is most charming, the standards being rose, with deep scarlet wings. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.

GEORGE STARK IMPROVED. 5144. Very popular scarlet variety. Pkt. 20 cts., 6 pkts. \$1.

GLADYS UNWIN. 5146. Pale rosy pink, large and attractive flower. Pkt. 10 cts., oz. 25 cts., ¼lb. 75 cts., lb. \$2.

HELEN LEWIS. 5148. Fine orange-pink. One of the most beautiful varieties extant for color and form. Pkt. 10 cts., oz. 40 cts., ¼lb. \$1, lb. \$3.

HELEN PIERCE SPENCER. 5150. The ground-color is white, marbled and penciled with bright blue in thin lines on both wings and standard. The vines are vigorous and produce an abundance of strong stems, carrying invariably four large blossoms. Pkt. 20 cts., 6 pkts. \$1.

HERCULES. 5152. Giant; pale rosy pink; of extraordinary size and substance. Both standard and wings shade off to a bright rose-pink edge, which gives it a delightful, fresh appearance. One of the largest and best pinks, and should be included in every collection. A real prize-winner. Pkt. 15 cts., oz. 50 cts., ¼lb. \$1.50, lb. \$5.

ILLUMINATOR. 5160. The name conveys in part one of the charms of this beautiful variety, as the warm salmon-orange ground-color of the flower scintillates through the rich, bright cerise-pink and illuminates the flower delightfully. Pkt. 20 cts., 6 pkts. \$1.

INSPECTOR. 5162. This is a duplex form of Stirling Stent. The orange-salmon color is deepened and intensified in this wonderful flower. Very strong grower, and one of the best for exhibition. Pkt. 20 cts., 6 pkts. \$1.



Etta Dyke Sweet Peas

SPENCER SWEET PEAS, continued

IRISH BELLE, or DREAM. 5164. The coloring is uniform in both standard and wings, a lovely rich lilac, flushed with pink. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

JESSIE CUTHBERTSON SPENCER. 5172. The ground-color is rich cream, overlaid with stripes and marblings of bright rose-pink. Pkt. 20 cts., 6 pkts. \$1.

JOHN RIDD. 5174. Giant rich purple. It makes a fine bunch for exhibition. Pkt. 20 cts., 6 pkts. \$1.

KING EDWARD SPENCER. 5180. The well-known scarlet Spencer. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

KING WHITE. 5182. A perfect white Spencer. The white is pure and opaque; stems long, bearing almost uniformly fours; immense petals of finest frilled type. Pkt. 20 cts., 6 pkts. \$1.

LADY EVELYN EYRE. 5190. Blush-pink, large flower; very vigorous. Pkt. 20 cts., oz. \$1.50, 6 pkts. \$1.

LOVELY SPENCER. 5194. Bright pink at the throat, or rather the base of both standard and wings, and shades to soft blush and almost white at the edges. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

LOYALTY. 5196. Royal blue flakes on white ground. Pkt. 20 cts., 6 pkts. \$1.

MARGARET ATLEE. 5200. This was the leading novelty two years ago and continues to be a favorite at the present time. The color is warm salmon-pink, perfectly suffused over a cream ground. The flowers are of extraordinary size, and many flowers measure $2\frac{1}{2}$ inches across the standard. Pkt. 20 cts., 6 pkts. \$1.

MARIE CORELLI. 5202. The large flowers are brilliant rose-carmine or red; uniformly of true Spencer form. (See testimonial and illustration, page 83.) Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

MARTHA WASHINGTON. 5204. A beautiful white, with standard stained pink. Well recommended. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

MASTERPIECE. 5206. The color of the flower is a rich lavender; flowers very large, well waved; remarkably free-flowering. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

MAUD HOLMES (Sunproof Crimson Spencer). 5208. Flowers are of the largest size, three and four to a spray, carried on long stems, of brilliant crimson, both standard and wings being well waved. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3. (See illustration.)

MAY CAMPBELL. 5210. The ground-color throughout is cream, the standard being beautifully marbled in the center with soft carmine, which is still deeper on the back of the standard. Pkt. 20 cts., 6 pkts. \$1.

MAY PERRETT SPENCER. 5220. Buff-pink self, with crimson calyx and footstalks, which give the flowers depth and warmth and increase their charm and character. Pkt. 20 cts., 6 pkts. \$1.

MRS. ALFRED WATKINS. 5224. A superb pink of Gladys Unwin type. One of the best for cut-blossoms. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

MRS. B. GILBERT. 5226. Beautifully marbled or flaked purplish lilac on a faint dove-gray ground, the striping radiating from the center about half-way across the standard, leaving a broad margin, almost white. Pkt. 20 cts., 6 pkts. \$1.

MRS. CUTHBERTSON. 5228. Standard clear rose-pink, wings white, with slightest flushing of pale rose. Four flowers on nearly every stem, sometimes five. Pkt. 20 cts., 6 pkts. \$1.

MRS. C. W. BREADMORE. 5230. A grand flower, creamy buff ground margined with rich rose. A fine, strong grower. Pkt. 20 cts., 6 pkts. \$1.

MRS. DUNCAN. 5232. A fine sunproof crimson-scarlet of good size and shape. Pkt. 20 cts., 6 pkts. \$1.

MRS. HUGH DICKSON. 5234. A cream-pink Spencer on buff ground; very fine form; flowers well placed on long stems. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

MRS. J. EMMETT. 5236. A beautiful and distinct light apricot, overlaid with rich, creamy pink. The plant is a strong grower and very free-flowering, and four-bloom sprays are produced in profusion; will make a telling bunch for exhibition. Pkt. 20 cts., 6 pkts. \$1.

MRS. ROUTZAHN SPENCER. 5238. The blending shades are soft rose and buff and primrose, with a decided rose edge. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

MRS. SANKEY SPENCER. 5240. Anyone familiar with the old favorite, Mrs. Sankey, will at once recognize this as a black-seeded white Spencer of perfect form. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

MRS. WALTER WRIGHT SPENCER. 5242. A magnificent rosy mauve. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

NEW MARGARET MADISON. 5250. The color is dainty and pretty, and is as near a true lavender as one could wish. Pkt. 20 cts., 6 pkts. \$1.

NORA UNWIN. 5252. Takes its place easily in the front rank of whites. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

NORVIC. 5254. This is one of the largest-flowered and best strains of White Spencer Sweet Pea yet introduced. The blooms, which are of extraordinary size, are exceptionally well waved. It is quite fixed in character. Pkt. 20 cts., 6 pkts. \$1.

NUBIAN. 5256. Deep chocolate self; one of the best. Placed at the top of the Maroon section by the N. S. P. S. for two years in succession. Pkt. 20 cts., 6 pkts. \$1.

ORANGEMAN. 5260. A very fine, large-flowered variety of true Spencer form. Color a rich, deep orange, beautifully waved. A very strong grower and equally good for both exhibition and market. Pkt. 20 cts., 6 pkts. \$1.

ORCHID. 5262. The color is rich, deep lavender throughout, slightly suffused pink on both standard and wings. The flowers are practically of a self-color suggesting the rich tone found only in the Cattleya family of orchids. Pkt. 20 cts., 6 pkts. \$1.

OTHELLO SPENCER.

5264. This beautiful new Sweet Pea of the true Spencer type will appeal to those having a preference for the darker colors. A rich,

deep maroon. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

PARADISE. 5270. Practically the same as Countess Spencer, perhaps a trifle deeper pink. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

PEARL-GRAY SPENCER. 5272. It is certainly a most lovely and distinct shade that might be described as a pearl- or dove-gray, suffused with light rose, showing a trifle more of the delicate rose shading in the standard. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

PRIMROSE BEAUTY. 5274. A deep cream Spencer of the most perfect shape. Pkt. 20 cts., 6 pkts. \$1.

PRIMROSE SPENCER. 5276. The color is a pronounced primrose or creamy yellow throughout both standard and wings. This variety is selected and true. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.



Spencer Sweet Pea,
Maud Holmes

SPENCER SWEET PEAS, continued

PRINCE EDWARD OF YORK SPENCER. 5278. Bold, rosy salmon, some say salmon-carminé, standard, with rosy wings. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

PRINCE GEORGE. 5280. A handsome and distinct flower. The standard is lilac-rose, deepening to red at the base, with wings of violet-rose. Pkt. 20 cts., 6 pkts. \$1.

QUEEN ALEXANDRA SPENCER. 5290. One of the best of the self-colored crimson-scarlets, beautifully curved and fluted. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

QUEEN VICTORIA SPENCER. 5292. The background is quite a deep primrose, flushed with rose. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

R. F. FELTON. 5300. One of the best lavenders; large flower; perfect shape. Pkt. 20 cts., 6 pkts. \$1.

RAMONA SPENCER. 5302. Clear white, with soft delicate lines and flakes of blush-pink. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

RED CHIEF, IMPROVED. 5304. Mahogany-shaded orange; very strong grower; four flowers on nearly every stem, sometimes five. Pkt. 20 cts., 6 pkts. \$1.

ROBERT SYDENHAM. 5306. It is a bright orange-salmon, self-colored, rather lighter than the Stirling Stent and deeper than Melba or Barbara. It is of immense size and, owing to its soft texture, needs a little shading during the middle of the day. Pkt. 20 cts., 6 pkts. \$1. (See illustration, page 78.)

ROSINA. 5308. The standard and wings are a bright rosy heliotrope, with a distinct wire-edge of solferino-red on a cream ground, which is particularly effective and distinct from anything seen in Sweet Peas. Will make a striking bunch for exhibition. Pkt. 25 cts., 5 pkts. \$1.

ROYAL PURPLE. 5310. It was shown at the National and other shows by Mr. R. Wright of Formby, and attracted a lot of attention on account of its fine royal purple color, great distinctness and size. Pkt. 20 cts., 6 pkts. \$1.

RUBY SPENCER. 5312. This may be best described as an improved Saint George, or more of a self, the wings being almost the same color as the standard. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

SATIN QUEEN SPENCER. 5320. Deep primrose, with pink finish. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.

SCARLET EMPEROR. 5322. A giant in size and sunproof; bright scarlet; very vigorous. Pkt. 20 cts., 6 pkts. \$1.

SENATOR SPENCER. 5324. The color is of a varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

SNOWDON. 5326. The flowers are large, of the very finest form, beautifully waved and of the purest white. Pkt. 20 cts., 6 pkts. \$1.

STIRLING STENT. 5328. Is the nearest approach to orange we have in Sweet Peas, or might be termed a salmon-orange. Pkt. 15 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

TENNANT SPENCER. 5340. Purplish mauve. Pkt. 15c., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

THOMAS STEVENSON. 5346. Orange-scarlet. A strong grower; produces four flowers on a stem. Pkt. 20 cts., 6 pkts. \$1.

VERMILION BRILLIANT. 5350. The most brilliant iridescent scarlet Spencer yet produced. Pkt. 15 cts., oz. 75c., $\frac{1}{4}$ lb. \$2.50, lb. \$7.50.

WEDGWOOD. 5360. Silvery blue. Produces flowers of good size profusely and borne almost uniformly in four-flowered sprays, well placed upon long, stout stems. Pkt. 20 cts., 6 pkts. \$1.

WHITE SPENCER. 5364. Produces flowers of enormous size that are absolutely pure white. Three and four to the stem. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

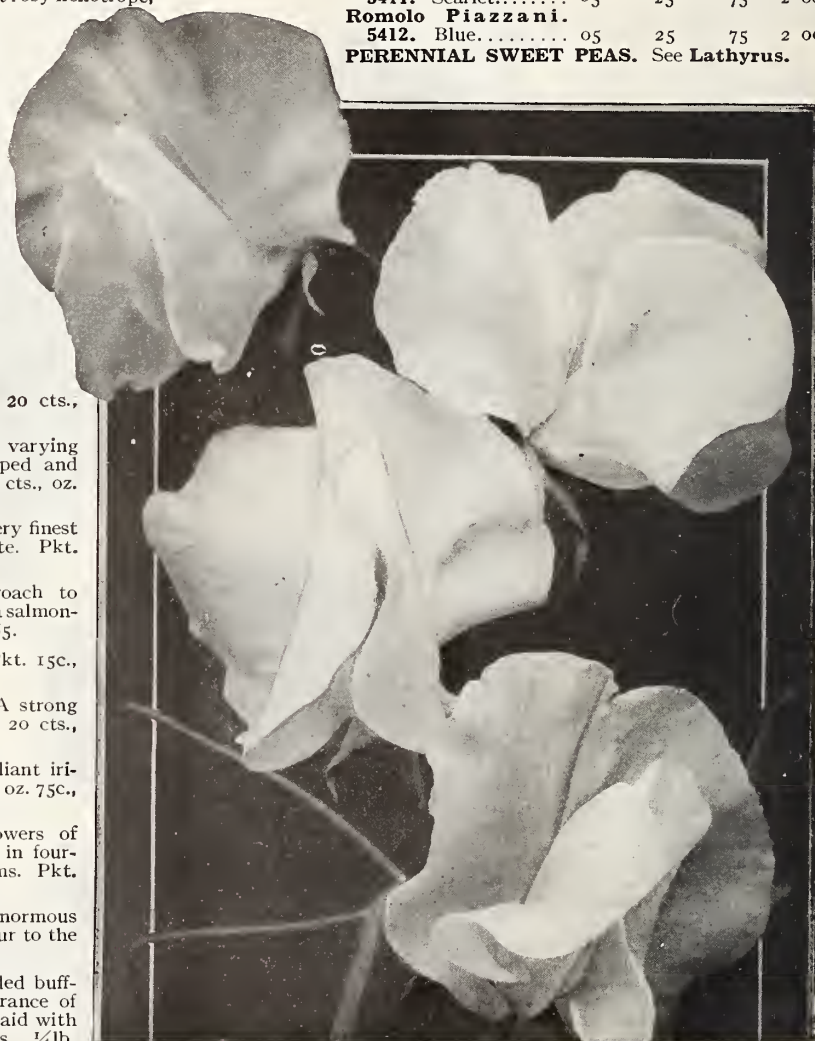
W. T. HUTCHINS. 5366. The buds show a decided buff-color. The fully expanded color has the appearance of light apricot, distinctly lemon at the throat, overlaid with a beautiful blush-pink. Pkt. 15 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1, lb. \$3.

Grandiflora Sweet Peas

While most Sweet Pea enthusiasts grow the Spencer varieties, there are many who admire and even prefer the Grandiflora types on account of their full and delicious perfume, and for their convenience we submit what we consider the best varieties in the respective colors:

Black Knight. 5400.	Rich maroon	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
self.....		\$0 05	\$0 25	\$0 75	\$2 00
Blanche Ferry. 5401.	Pink and white;				
early.....		05	30	90	2 50
Dorothy Eckford. 5402.	Pure white;				
large.....		05	25	75	2 00
Duke of Westminster. 5403.	Purple...	05	30	90	2 50
Helen Pierce. 5404.	Violet, mottled				
with white.....		05	25	75	2 00
Henry Eckford. 5405.	Orange-pink....	05	25	75	2 00
Hon. Mrs. E. Kenyon. 5406.	Pale yellow.....	05	25	75	2 00
King Edward VII. 5407.	Crimson-scarlet.....	05	25	75	2 00
Lady Grisel Hamilton. 5408.	Lavender.....	05	25	75	2 00
Miss Willmott. 5409.	Orange-pink....	05	25	75	2 00
Phenomenal. 5410.	Lavender, picotee-edged.....	05	25	75	2 00
Queen Alexandra. 5411.	Scarlet.....	05	25	75	2 00
Romolo Piazzani. 5412.	Blue.....	05	25	75	2 00

PERENNIAL SWEET PEAS. See *Lathyrus*.



Stirling Stent Sweet Peas

SWEET PEA COLLECTIONS AND MIXTURES

Collection. 5392. One pkt. each of the best 25 Spencers for exhibition. (See page 78.)	\$4 50
Collection. 5393. One pkt. each, named in 100 Spencer varieties, separate, our selection	12 50
Collection. 5394. One pkt. each, named in 75 Spencer varieties, separate, our selection	9 50
Collection. 5395. One pkt. each, named in 50 Spencer varieties, separate, our selection	6 75
Collection. 5396. One pkt. each, named in 24 Spencer varieties, separate, our selection	3 25
Collection. 5397. One pkt. each, named in 12 Spencer varieties, separate, our selection	1 75
Collection. 5414. One pkt. each of the 12 best Grandiflora varieties for	50 cts.

Spencer Mixture of Standard Varieties 5380

For size, substance and variety of color we cannot recommend this mixture too highly. Contains over 150 varieties. Is without doubt the most popular mixture of Sweet Peas ever offered. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., $\frac{1}{2}$ lb. 50 cts., lb. \$1

Special Spencer Mixture of Novelty Varieties 5385

This mixture contains an equal proportion of colors of the Novelty Spencer varieties, and is one of the most superb combinations ever offered. Customers who are at a loss what varieties to buy will find this mixture a most satisfactory way to have the "E pluribus unum" of this lovely flower. Pkt. 25 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.

Quality Grandiflora Mixture 5413

A fine mixture of the old varieties splendidly assorted. Deliciously perfumed. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., $\frac{1}{2}$ lb. 40 cts., lb. 75 cts.

Our Special Offer for 1916 5390

A QUARTER OF A POUND OF GIGANTIC ORCHID-FLOWERING MIXED SWEET PEAS FOR A QUARTER (25 cents)

This quarter of a pound of Sweet Peas (mailed free) contains the finest mixture of the Spencer varieties ever sent out by any seed-house. The range of color is from pure white to darkest crimson, and all intermediate shades. Our sales last year were over 5,000 packages.

SUMMERSIDE

ARTHUR T. BODDINGTON CO., INC., PRINCE EDWARD ISLAND,
New York City. CANADA, Box 272, November 19, 1915.

Dear Sirs: I am mailing under separate cover a photo of a Sweet Pea grown from seeds received from you last spring. It is Marie Corelli and each of the seven blooms measure 2 inches across. My Peas this year were the best I ever had. If the photo is of any use to you kindly keep it. Have been picking flowers until a week ago.

Yours very truly,

(signed) MRS. W. W. BAKER.



Marie Corelli (with seven blooms on a stem)

WINTER-FLOWERING SWEET PEAS

Cultivation: White-seeded varieties must be sown in sand in small pots, not in earth, or they will rot or "damp off;" later, transplant to the permanent position. Winter-flowering Sweet Peas should not be sown too thickly, about one ounce to 25 feet is sufficient. Thin out to about 3 inches apart when plants are about 6 inches high; if wanted for Christmas, sow before the end of August; if wanted during January, February and March, about the middle of September; if wanted for Easter, about the first of November. For successful growing, a temperature of 40 to 45 degrees at night and 10 degrees higher in the day is considered best. Watch out for red spider, thrip and green fly. Feed when plants are in full bloom.

In addition to the following varieties, which are the cream of those offered last year, we shall have several very interesting Novelties this coming July

	Pkt.		Pkt.
APRICOT ORCHID. 4782. Mostly apricot self. A cross between Miriam Beaver and Mrs. A. A. Skach.....	\$o 50	MRS. M. SPANOLIN. 4796. Double; white. Black-seeded...	\$o 25
BOHEMIAN GIRL. 4784. One of the finest pink selfs. The same shape as Mrs. A. A. Skach, but the color is three shades darker, with light scarlet blush. A new color in Sweet Peas..	50	ORANGE ORCHID. 4798. Standard orange, wings dark salmon-pink, beautifully colored and formed. A cross between Late Orange Spencer and President Woodrow Wilson, in the fourth generation.....	50
BRIDAL VEIL. 4786. Pure white. A cross between White Orchid and Watchung; one of the earliest. Its size and purity of color make it one of the best. White-seeded.....	50	ORCHID BEAUTY. 4800. Dark rose-pink, with orange blush.	25
MRS. A. A. SKACH. 4792. Beautiful, clear, light pink. Much larger than the original Countess Spencer and slightly darker.	25	PINK-AND-WHITE ORCHID. 4802. Similar to Christmas Pink; of extra-large size.....	25
MRS. JOHN M. BARKER. 4794. A new combination of colors. The standard is lilac, with glistening dark rose, wings light blue on white ground. One of the largest and most beautifully formed.....	50	VENUS. 4806. Standard slightly blush-pink; in winter more white.....	25
		WHITE ORCHID. 4808. Pure white; has stood the most critical tests	25
		YARRAWA. 4810. The sensational Australian pink Sweet Pea; one of the best varieties for winter growing. 1/4 oz. \$1.50..	50

Orders received in spring will be held until arrival of new crop, which comes to hand usually in July

A Few Hints on the Successful Growing of Sweet Peas

BY AN EXPERT

Buy your seeds early and sow early, about March 15, if possible.

Avoid sowing of Sweet Peas on the same land in successive years. If your garden is small and you find this necessary, the soil should be removed and filled in afresh following the instructions given below.

The soil for Sweet Peas should be rich and deep and prepared early (preferably in the fall of the year) if this can be done; good slaked lime and wood ashes should be thoroughly dug into the ground.

A good rich turfy loam is the ideal soil for growing Sweet Peas, thoroughly enriched with good rotted manure or bone meal, and dug in as deeply as possible.

If your soil is not of the above consistency, dig a trench two feet deep and two feet wide and fill with good rich turfy loam that has been thoroughly mixed with rotted manure or bone meal, in proportion of three fourths soil to one-fourth fertilizer, according to the condition of the soil.

Do not sow your Sweet Peas thickly or too thinly (one ounce of Sweet Peas to ten feet is a fair average). If the Peas should grow too thickly, thin out to about two inches apart, but not necessarily in a single row, rather alternately, viz.

Seed of the black-seeded varieties can be sown as soon as the frost is out of the ground, provided it is not too wet, the white-seeded varieties should not be sown until the ground is warm and dry.

Before sowing, pulverize your soil in the trench about three inches deep. Sow seeds, in a double row about ten inches apart, about two inches below the surface, and tread down firmly.

For trailing the vines, use either "brush" (that is, branches of birch or other light material) or large-mesh wire netting held by posts or bamboo canes; the brush or the netting should run from five to eight feet above the ground.

It is as well to erect supports before the seedlings get too tall, better perhaps when seed is sown.

Dry and hot weather affect Sweet Peas very quickly. They should be watered very frequently and thoroughly, and the application of liquid manure given once a week. A good heavy

mulch of long-straw manure covering the ground around the Sweet Peas should be applied as soon as warm weather sets in. This prevents the ground from drying out and keeps the soil cool.

The flowers should be cut as often as possible and all seed-pods removed as soon as they appear. By attending to this properly, it greatly lengthens the life of the vine and the flowering season.

A partial shade during the hottest parts of the day is very essential to secure the best color in the blooms, it also protects the vines from the strong rays of the sun. If possible to protect the lower growth of the Peas, this should be done also.

If Sweet Peas should be attacked by the green, black or white fly, they should be thoroughly sprayed with one of the several Nicotine preparations that are offered on page 118.

The greatest enemy of young Sweet Peas is the cutworm, and they are so destructive as to prevent some people from having a good stand of Sweet Peas at any time. They usually take the young shoots as soon as they appear, and while some plants will send out new shoots and grow again after being cut off, most of them are cut too far down and ruined. A sprinkling of "Slug Shot" or slaked lime over the row or watering with lime water helps to keep out the cutworms. A handful of grass dipped in a solution of Paris green will sometimes attract and exterminate the worms.

One of the most necessary things in the cultivation of Sweet Peas is the proper feeding of the plants; when they are in full growth a change of "food" is particularly essential. When they start into bloom a good application of Scotch soot, applied in liquid form, improves the color of flower and foliage to a remarkable degree.

FARMOGERM, which we offer among the fertilizers on page 120, is an excellent agent for the successful growing of Sweet Peas, if the instructions for the use of this article are carefully followed.

Garden Size. 50 cts. per bottle.

Acre Size. \$2 per bottle.

Bamboo Canes for Staking Sweet Peas.

While nothing can beat good birch brush, if it can be obtained, a good substitute is found in Bamboo Canes. This method necessitates tying the growth every few days, but can easily be done whilst disbudding. We offer suitable canes for this purpose in the Sundry Section of this Guide.



Boddington's Auricula-eyed Sweet Williams

Sweet William (*Dianthus barbatus*) HB 1½ ft.

A well-known, attractive, free-flowering hardy biennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous young plants from seed every season than to divide the old plants, as the flowers on the old plants are apt to be smaller and more scattered.

Auricula-eyed. A remarkable strain of the popular Sweet William with a distinct zone or eye.

	Pkt.	Oz.
Mixed Colors. 5420	\$o 10	\$o 75
Dark Crimson. 5421. Rich dark shade	10	1 00
Maroon. 5422. Dark crimson	10	1 00
Red. 5423. With white eye	10	1 00
Scarlet. 5424. Red, with white eye	10	1 00
Violet. 5425. With white eye	10	1 00
White. 5426. Excellent for cut-flowers	10	1 00
Finest Mixed, Single. 5427. Splendid colors	05	50
Boddington's Giant Double, Finest Mixed. 5428.	10	1 00

Annual Varieties, Mixed. 5429. Grows about 9 inches in height; flowers of good size, well marked and very free-flowering. Seed sown from January to March will bloom the same year. Perfectly hardy, and should be grown by every amateur, fine for cutting

3 pkts. 25c. \$o 10

Double Rose. 5430. HB Large umbels of handsome, rose-colored flowers distinguish this Sweet William from other well-known varieties

25

Holborn Glory. 5431. HB. This variety contains a beautiful strain of light shades

10

Newport Pink. 5432. HB. In color it is what florists call watermelon-pink or salmon-rose. Strikingly beautiful; the habit of the plant is perfect, being well formed, neat and compact, the flowers borne in massive heads on stems 18 inches high

15

Pink Beauty. 5433. HB. Very distinct, delicate pink flowers. A beautiful variety

25

SWEET WILLIAM, continued

Scarlet Beauty. 5434. HB. Color intensely deep, rich Pkt. scarlet, almost identical in color with the *Euphorbia splendens*

5 pkts. \$1. \$o 25

Sutton's Scarlet. 5435. HB. The flowers are of an intense scarlet, similar to that of Grenadin Carnation. A bed in the distance produces a vivid effect. Seed scarce

60

Giant White. 5436. HB. We have raised several new types in the past, and this is the first "self" from our Giant strain. Really beautiful, and comes true from seed. The flowers are large and borne in splendid clusters

20

TAGETES signata pumila. 5440. HA. A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright yellow, striped brown, a first-class border plant

10

THALICTRUM (Meadow Rue). HP. Summer.

Adiantifolium. 5442. 1½ feet. Yellow

15

Aquilegifolium. 5443. 3 feet. Purple

10

Thunbergia (5 ft.) HHA

Charming climbing annuals of rapid growth; excellent for window-boxes, hanging-baskets and vases. July to Oct.

Alata. 5445. Yellow with black eye

\$o 10

Alata alba. 5446. White, with black eye

10

Aurantiaca. 5447. Orange, with black eye

10

Bakeri. 5448. Pure white

10

Coccinea. 5449. Scarlet

25

Fryeri. 5450. Buff-color

10

Grandiflora. 5451. Blue flowers, an excellent climber

25

Finest Mixed. 5452. Flowers white, yellow and orange, with black eye

oz \$1. 10

TORENIA. HHA. 10 inches. Excellent for pots, beds or hanging-baskets.

Baillonii. 5456. Golden yellow; deep red throat; very pretty

25

Cœlestina. 5457. Pale blue

25

Fournieri. 5458. Porcelain-blue and rich violet

20

Fournieri grandiflora. 5459. Large-flowered

25

White Wings. 5460. Pure white, rose throat

25



Torenia Fournieri

TRACHELIUM caeruleum. 5465. Pkt. HHA. A free-growing greenhouse annual of easy culture, having large cloud-like heads of clear pale mauve flowers somewhat resembling *Gypsophila*. Height, 18 inches.....5 pkts. \$1..\$0 25

TRADESCANTIA Virginica. (Spiderwort). 5467. HP. Blue. 1 foot. Summer..... 10

TRICYRTIS hirta (Japanese Toad Lily). 5468. HP. 1½ feet. Creamy white. Summer..... 10

TRITOMA (Red-Hot-Poker; Flame Flower). 5469. HP. 4 feet. Mixed. Summer..... 10

TROLLIUS (Globe Flower). HP. 2 feet. Summer.

Caucasicus (Golden Globe). 5475. Yellow..... 10

Japonicus fl.-pl. 5476. Double yellow..... 25

New Hybrids. 5477. Mixed..... 10

TROPÆOLUM Canariense (Canary-Bird Flower). 5480. HA. 10 ft. Elegant annual climber, with delicately cut leaves and lovely bright yellow fringed flowers. oz. 50c..... 05

Lobbianum. See *Nasturtiums*.

TUNICA saxifraga. 5485. HP. Small pink flowers in profusion.. 10

VALERIANA (Spurred Flower). HP. Alba. 5500. White..... 10

Coccinea. 5501. Red..... 10

Montana. 5502. 2 ft. Pink. June to October..... 10

Rubra. 5503. Purplish..... 10

VERBASCUM (Mullein). HP.

Libani. 5506. 4 feet. Yellow. July to Sept.....\$0 10

Olympicum. 5507. 6 feet. Yellow. July to Sept..... 10

Phoeniceum. 5508. 1½ feet. Purple. May and June..... 10



Boddington's Quality Verbenas

Verbenas HHP

For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, they bloom from the end of July on.

Boddington's Mammoth Hybrids. 5520. A strain of very vigorous growth, producing trusses of large flowers of brilliant and varied colors. Mixed. Pkt. 10 cts., ¼ oz. 60 cts., oz. \$2.

Auricula-flowered. 5521. Large flowers with distinct white eye in the center of each floret. Pkt. 10 cts., oz. \$2.

Blue. 5522. Pkt. 10 cts., oz. \$2.

Pink. 5523. Pkt. 10 cts., oz. \$2.

Scarlet Defiance. 5525. The finest scarlet sort; intense color. Pkt. 10 cts., oz. \$2.

White (Candidissima). 5526. Pure white. Pkt. 10c., oz. \$2.

Striped. 5528. Many colors. Pkt. 10 cts., oz. \$2.

Helen Willmott. 5530.

A very pretty, bright salmon-rose, with white eye. After many years of constant selection, seed of this lovely Verbena has at last been saved in sufficient quantity to enable us to offer it. Pkt. 20 cts., 6 pkts. \$1.

Lemon-scented (Aloysia citriodora). 5531. Very fragrant. Pkt. 10 cts.

Lutescens. 5532. Compact, dwarf variety, with erect flower-stems bearing round trusses of creamy yellow flowers, standing well above the foliage. Pkt. 25 cts., 5 pkts. \$1.

Meteor. 5533. Miniature Verbena, forming very dwarf bushes of 6 to 8 inches in height by 10 to 12 inches in breadth. Flowers of faultless form, of an intense deep scarlet. Pkt. 25 cts., 5 pkts. \$1.

Rose Queen. 5534. The brilliant rose-colored flowers measure 1 to 1½ inches across. Pkt. 15 cts., 4 pkts. 50 cts.

Venosa. 5535. Blue, upright habit; very showy and fine for bedding. Pkt. 10 cts., oz. 50 cts.

Hybrida gigantea (Giant-flowered Verbena). 5536. A class of Giant-flowered Verbenas that excels all other varieties in size and color of flower and the rich display of colors and shades which come true from seed. Pkt. 25 cts., 5 pkts. \$1.

VERONICA (Ironweed). HP. July and Aug. Pkt.

Candida. 5540. 2 feet. White....\$0 10

Incana. 5541. 1 ft. Blue..... 10

Spicata. 5542. Bright blue flowers on a dense long spike..... 10

VINCA (Periwinkle). HHP. If sown in January or February under glass, they will bloom in July and continue through the summer. Excellent for cutting; the buds open soon after they are put in water. Useful for conservatories or bedding. Pkt. Oz.

Alba. 5550. White.....\$0 10 \$2 00

Rosea. 5551. Rose..... 10 2 00

Rosea alba. 5552. Rose and white..... 10 2 00

Mixed. 5553...... 10 1 50

Viola (Scotch, or Tufted Pansies)

HHP

The Scotch Violas, or Tufted Pansies, have of late years been greatly appreciated. There are a great number of varieties, varying in color from pale lavender to deep rich purple, with many charming intermediate shades. They are very free-flowering, and cannot be surpassed for bedding purposes; in light, rich soil and a moist situation they will continue to bloom from spring till late in the autumn. They are also useful for ribbon borders, where they make a fine display.

Seed is very scarce this season

Archie Grant. 5560. Rich royal purple. Pkt. \$1.

Ardwell Gem. 5561. Large rayless flower; primrose color. Pkt. \$1.

Bullion. 5562. Golden yellow. Pkt. \$1.

John Querton. 5563. Deep lavender. Pkt. \$1.

Marchioness. 5564. Pure white. Pkt. \$1.

Mars. 5565. White, small yellow eye. Pkt. \$1.

Purple King. 5570. Deep purple. Pkt. \$1.

Rover. 5571. Lavender, flaked white. Pkt. \$1.

Snowdon. 5572. Pure white. Pkt. \$1.

True Blue. 5573. One of the best of its color. Pkt. \$1.

Violet King. 5574. Deep rich violet. Pkt. \$1.

Yellow Gem. 5576. A grand yellow novelty. Pkt. \$1.

Collection. 5581. One pkt. each of 6 varieties, our selection, \$5.

VIOLA Tricolor. See Pansies, page 67.



Viola (Scotch or Tufted Pansy) Type

Viola cornuta

	Pkt.	Oz.
Blue Perfection. 5585. ½ foot. Blue. Spring.....	\$0 10	\$3 50
Lutea. 5586. ½ foot. Yellow. Spring.....	10	3 50
Lutea splendens. 5587. ½ foot. Orange. Spring.....	10	3 50
Papilio. 5588. ½ foot. Lilac. Spring.....	10	4 50
Purple Queen. 5589. Blue.....	10	3 50
Rose Queen. 5590. ½ foot. Rose-lilac.....	6 pkts. \$1..	20
White Perfection. 5591. ½ foot. White. Spring.....	10	3 50
Mixed. 5592. All colors.....	10	3 00
VIOLET (<i>Viola odorata</i>). The single varieties can be raised only from seed. All are fragrant, and in the main quite hardy. Pkt.		
Odorata (Common English Violet). 5595.....	\$0 10	
Odorata, Czar. 5596.....	25	
Odorata, Princess of Wales. 5597.....	25	

Virginian Stocks HA

Sweet-scented; splendid for edging.		
	Pkt.	Oz.
Crimson King. 5600.....	\$0 05	\$0 50
Red. 5601.....	05	25
White. 5602.....	05	25
Yellow. 5603.....	05	25
Mixed. 5604.....	05	20
WAHLENBERGIA (<i>Platycodon</i>) (Japanese Bellflower). HP		
Grandiflora. 5610. 1½ feet. Blue.....	10	1 50
Grandiflora alba. 5611. 1½ feet. White.....	10	1 50
Grandiflora cœrulea plena. 5612. 1½ feet. Dark blue.....	25	
Grandiflora alba plena. 5613. 1½ feet. Double white.....	25	
Grandiflora nana. 5614. 1½ feet. Blue.....	10	3 00
Grandiflora nana alba. 5615. 1 foot. White.....	10	3 00

Wallflower HA

Of delicious fragrance.		
ANNUAL. Flowers July to fall from seed sown in February.		
	Pkt.	Oz.
Belvoir Castle. 5620. Golden yellow.....	\$0 10	
Blood-Red. 5621.....	10	
Early Paris Market. 5622. Brown.....	10	
Golden Gem. 5623.....	10	
White Gem. 5624.....	10	
Mixed. 5625.....	10	

WINTER-BLOOMING WALLFLOWER

(*Cheiranthus Kewensis*) 5626

The black-brown buds open into flowers of a delicate sulphur shade, which passes gradually to orange or purple-violet. Pkt. 25 cts., 5 pkts. \$1.

Single Fine Mixed. 5627. HHP. Pkt. 10 cts.

Double Finest Mixed. 5628. HHP. Pkt. 25 cts.

COLLECTION. 5629. 8 Single varieties \$1.

COLLECTION. 5630. 8 Double varieties \$1.

WHITLAVIA. Showy annual, dark blue bell-shaped flowers; excellent for small beds or ribbon border.

Gloxinioides. 5635. Blue, white throat. Pkt. 10 cts.

Grandiflora. 5636. Blue. Pkt. 10 cts.

Alba. 5637. White. Pkt. 10c.

XERANTHEMUM, Finest Double Mixed. 5640. HA. 1½ feet. Profuse blooming hardy annuals with everlasting flowers. September. Pkt. 10 cts.

ZEA (Variegated Maize). HA. 6 feet.	Pkt.	Oz.
Gracillima variegata (Miniature). 5645.....	\$0 05	\$0 15
Gigantea quadricolor. 5646. Very striking; beautifully striped, white and rose.....	05	20
Japonica variegata. 5647.....	05	15

Zinnias HA

These attractive and decorative hardy annuals are most desirable plants for mixed borders or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. The double Zinnias are exceedingly handsome, the flowers being notable for their large size, fine form, brilliancy and diversity of color.

DWARF DOUBLE VARIETIES

	Pkt.	Oz.
Rose. 5652.....	\$0 10	\$1 00
Carmine. 5653. Brilliant carmine.....	10	1 00
Canary-Yellow. 5654.....	10	1 00
Dazzling Scarlet. 5655.....	10	1 00
Flesh-Pink. 5656.....	10	1 00
Golden. 5657.....	10	1 00
Lilac. 5658.....	10	1 00
Purple. 5659.....	10	1 00
White. 5660. Pure.....	10	1 00
Yellow. 5661.....	10	1 00

Zebra Striped. 5662. A remarkably interesting class, growing about 18 inches high, and producing large double flowers which are striped more or less with brilliant colors in a most fantastic manner. 10 75

Finest Double Varieties. Mixed. 5663. In the above selection and colors. 10 75

Double Giants (*Zinnia grandiflora robusta plenissima*). The following are truly Giant Zinnias, with beautiful, large, double flowers. 4½ to 6 inches in diameter. This class is very popular and has given universal satisfaction. Pkt.

Crimson. 5670.....	\$0 20
Flesh-color. 5671.....	20
Golden Yellow. 5672.....	20
Purple. 5673.....	20
Scarlet. 5674.....	20
Sulphur-Yellow. 5675.....	20
Violet. 5676.....	20
White 5677.....	20
Tall Double, Mixed. 5678.....	Oz. \$1.. 10

COLLECTION, 5679. One pkt. each of the 8 varieties. \$1 25

ZINNIA LILLIPUT (1 foot)

	Pkt.
Golden Gem. 5682.....	\$0 10
Orange Gem. 5683.....	10
Scarlet Gem. 5684. Intense scarlet.....	10
White Gem. 5685.....	10
Choice Mixed. 5686.....	10

Curled and Crested. 5688. A strain having large, double flowers; the petals of which are curiously twisted and curled; many colors mixed. 10

Haageana fl.-pl. (Mexican Zinnia). 5689. A dwarf variety with small, double orange-colored flowers. 10

Haageana sulphurea fl.-pl. 5690. Dwarf spreading Mexican Zinnia, 15 to 18 inches high, differing from the bright golden orange-flowering type by its pure sulphur-yellow double flowers. Very showy in beds or borders. 3 pkts. 25c... 10



Boddington's Quality Zinnias

ZINNIAS, continued

	Pkt.
Jacqueminot, Dwarf. 5691. Dazzling crimson-scarlet.....	\$0 10
Mammoth (<i>Zinnia robusta plenissima</i>). 5692. Flowers of mammoth size, very double and of striking colors.....	10
Queen Victoria. 5693. A pure white variety of the mammoth type; flowers are perfectly double, of fine form; 4 inches across.....	15

Ornamental Grasses

The perennial varieties, many of which have beautifully variegated foliage, are valuable for borders and clumps on lawns or among shrubs. The annual sorts are chiefly grown for their elegant flower panicles, which are useful in bouquet work and for dried flowers. They should be cut before being fully expanded.

Agrostis nebulosa. 5700. HA. One of the most elegant annual sorts. 1 foot.....	Pkt. \$0 05
Andropogon argenteus. 5701. HP. Hardy perennial with silvery plumes; very ornamental in groups. 3 feet.....	05
Anthoxanthum gracile. 5702. HA. For edgings; annual....	05
Apera arundinacea. 5703. HP. The Pheasant's Tail, or Silver Fountain Grass from New Zealand. A very beautiful Grass and a valuable border plant; hardy perennial; height 2 feet.....	15
Arundo donax variegata. 5704. HP. Stately perennial with drooping green and white striped leaves; excellent for lawn clumps. 9 feet.....	05



Ornamental Grasses (Annual)

ORNAMENTAL GRASSES, continued

	Pkt.
Avena sterilis (Animated Oats). 5705. HA. The long sensitive awns readily expand and contract, causing the seed to move about; annual. 18 inches.....	\$0 05
Briza gracilis (Small Quaking Grass). 5706. HA. Beautiful for bouquets; annual. 1 foot.....	05
Briza maxima (Large Quaking Grass). 5707. HA. Elegant panicles, excellent for bouquets and dried flowers; annual. 1 foot.....	05
Bromus brizaeformis. 5708. HA. Large drooping panicles, useful for bouquets; annual. 2 feet.....	05
Coix lacryma-Jobi (Job's Tears). 5709. HA. A strong broad-leaved grass with large shining pearly seeds; annual. 3 feet. oz. 25c...	05
Eragrostis elegans (Love Grass). 5710. HA. Elegant for bouquets and for use with Everlasting flowers; annual. 1 foot.	05
Erianthus ravennae. 5711. HP. A hardy perennial grass resembling the Pampas, with beautiful foliage and fine silvery plumes; excellent for lawn specimens. Blooms the first year from seed if sown early. 8 feet.....	05
Eulalia Japonica foliis vittatis. 5712. HP. This is one of our finest hardy perennial grasses, with long, graceful leaves, dark green and white striped. It is one of the most beautiful for forming clumps. 4 feet.....	05
Eulalia zebrina (Zebra Grass). 5713. HP. The dark green leaves are barred or crossed at intervals with broad markings of yellowish white. Few variegated plants equal this in beauty.....	05
Gynerium argenteum (Pampas Grass). 5714. HP. Half-hardy perennial with magnificent silvery plumes. 10 feet....	05
Hordeum jubatum (Squirrel-tail Grass). 5715. HA. Bushy panicles; excellent for bouquets; annual. 3 feet.....	05
Lagurus ovatus (Hare's-tail Grass). 5716. HA. Hardy annual with silvery gray tufts; useful for dried flower-work. 1 foot.....	05
Pennisetum longistylum. 5717. HA. An annual grass with gracefully drooping heads. 2 feet.....	05
Pennisetum Ruppelianum. 5718. HP. The foliage is long and slender, gracefully recurved and glossy deep green in color. If sown in March in heat, the plants should bloom by the middle of July, and the silvery plumes tinted with violet-purple waving in the sunlight are beautiful; hardy perennial. 3 feet.....	05
Pennisetum longistylum violaceum. 5719. HA. 3 feet....	05
Stipa pinnata (Feather Grass). 5720. HP. Hardy perennial with silvery white, feathery plumes. 2 feet.....	05
Finest Mixed. 5721. Annual varieties.....	05
Collection. 5722. One pkt. each of 12 above Grasses, 50 cts.	
Collection. 5723. One pkt. each of 6 above Grasses, 25 cts.	

Palm Seeds

We make it a point to deliver nothing but absolutely fresh seeds of the different varieties of Palms, shipments of which we are constantly receiving from various parts of the tropics. As the different varieties ripen at different seasons of the year, we have indicated below, as nearly as possible, when each sort will arrive, and as these seeds lose their germination very quickly, we earnestly solicit orders in advance.

	Per 100
Kentia Forsteriana. March.....	\$1 00
Kentia Belmoreana. January.....	1 00
Cocos Weddelliana. January.....	1 00
Areca lutescens. April.....	1 00
Latania Borbonica. February.....	50
Livistona rotundifolia. April.....	3 00
Livistona Chinensis. March.....	3 00
Musa Ensete (Abyssinian Banana). March. Fine for tropical effect.....	2 00
Phoenix rupicola. March.....	1 00
Phoenix reclinata. March.....	50
Phoenix Canariensis. March.....	25
Phoenix Roebelenii. January.....	3 00
Dracena indivisa. January.....	pkt. 10c, oz. 25c...
Pandanus utilis. March.....	1 00

Prices of Palm Seeds subject to change without notice

Miscellaneous Bulbs and Roots

AMARYLLIS

Owing to the increasing popularity of the better class of Amaryllis, we are encouraged to offer the Gold Medal Collections, imported directly from our European growers. On application we will send a list of varieties, with full descriptions and prices.

CULTURE.—On receipt of the bulbs in the autumn they should be placed where they will always be slightly moist and warm, under the benches of a greenhouse, for example; do not pot up the bulbs before the flower-buds appear; when first potted, give very little water, and promote growth by giving moderate bottom heat; increase the supply of water as the plants progress. Very often the mistake is made that bulbs are potted up too early; the consequence is that only leaf-growth is made. The proper soil for Amaryllis is turfy loam enriched with rotten manure.

Vittata Hybrids, Boddington's Seedlings. These seedlings contain some wonderful varieties, almost equal to named sorts. We can recommend them with the utmost confidence to the beginning Amaryllis enthusiast. \$1 each, \$10 per doz., \$75 per 100.

Johnsoni (Bermuda Spice Lily). Crimson flowers, white-striped; one of the best known varieties. 35 cts. each, \$3 per doz.

Belladonna major (Belladonna Lily). A free-flowering, fragrant variety. The flowers, which are white-flushed and tipped with deep rose, are borne on stems 2 to 2½ feet high. Extra-large bulbs, 15 cts. each, \$1.50 per doz., \$10 per 100.

Vallota purpurea (Scarborough Lily). A beautiful, free-flowering summer- and autumn-blooming Amaryllis, producing strong spikes of brilliant scarlet flowers. If a number of bulbs are planted in a 10-inch pot they form very decorative plants for the piazza or lawn. They also make excellent house plants. 25 cts. each, \$2.50 per doz., \$20 per 100.

HARDY AMARYLLIS FOR OUTDOOR

PLANTING

Formosissima (Jacobean Lily). Dark crimson; flowers in early summer; requires slight protection. 25 cts. each, \$2 per doz.

Hallii (Hall's Amaryllis, now known as *Lycoris squamigera*). A rare, bulbous plant with attractive foliage and bright flowers. Rosy lilac, fragrant, 3 or 4 inches across; flowers in August. The foliage appears in spring, disappears in June, and is followed two months later by the naked flowers. 25 cts. each, \$2.50 per doz., \$15 per 100.

Lutea (Sternbergia; Mount Etna Lily). Bright golden yellow; hardy if well covered during the winter. 5 cts. each, 50 cts. per doz., \$3 per 100.



Amaryllis Vittata Hybrids

HARDY AMARYLLIS, continued

ZEPHYRANTHES rosea (Zephyr Flower, or Fairy Lily). Beautiful, rose-colored flowers on stems 10 to 12 inches high. 10 cts. each, 80 cts. per doz., \$5 per 100.

candida. Pure white; the freest bloomer of all Zephyranthes. 5 cts. each, 45 cts. per doz., \$3 per 100.

ACHIMENES

Profuse-blooming, tender perennials for greenhouse or conservatory decoration during summer. The scaly tubers should be potted in the early spring in a compost of turfy loam, leaf-mold and sand. They should be grown in a moist, warm temperature, shaded from the sun until they begin to bloom, when they should be kept cooler to prolong the duration of the flowers. The colors comprise white, shades of lilac, mauve, and crimson. We offer them in ten named varieties. 10 cts. each, 75 cts. per doz., \$5 per 100.

BEGONIAS, BODDINGTON'S LARGE-FLOWERING TUBEROUS-ROOTED

HOUSE CULTURE.—To start bulbs of Tuberous-rooted Begonias, place in a shallow box, about 2 inches deep, some sphagnum moss. On this put your bulbs, then cover with more moss, until the box is full. Keep moss damp, not wet, and at a temperature of about 70 degrees. In a short time both roots and stems will sprout. Then carefully plant in pots in rich, well-sifted light soil. Do not over-water at any time. If the bulbs are started in February and March, they will bloom in April and May.

THE MOST SATISFACTORY FLOWERING PLANT FOR THE SHADY BED

Although there is much to be gained in early blooming by starting the tubers as just described, the dormant bulbs may be planted 10 inches apart, unstarted, in open-ground beds the first week of May, or later, with excellent results.

They will thrive in partial shade. A wind-swept situation should be avoided. Planted on the north side of a house, they make a gorgeous show, and in such places hardly any other plant will flower satisfactorily.

Watch carefully for cutworms and slugs, which are very fond of the Begonia foliage; these pests can be easily combated by sprinkling Slug-Shot on the ground and on the under side of the foliage. Be especially careful not to water when the sun is on them.

BEGONIAS. BODDINGTON'S LARGE-FLOWERING TUBEROUS-ROOTED, continued

SINGLE-FLOWERING

For planting in beds and where color effect is desired, our stock of these bulbs will be found true to color and free from mixture.

Crimson	Scarlet	Pure White
Rose	Light Pink	Canary-Yellow
Orange	Salmon	Copper

Large bulbs, measuring 1½ inches and upward, separate colors, 5 cts. each, 50 cts. per doz., \$4 per 100, \$37.50 per 1,000

BODDINGTON'S SPECIAL MIXTURE. Equal proportions of the above colors. Large bulbs, measuring 1½ inches and upward, 5 cts. each, 50 cts. per doz., \$3.50 per 100, \$32.50 per 1,000.

DOUBLE-FLOWERING

These can be depended upon for producing 100 per cent double flowers, and contain very large and choice show varieties.

Crimson	Scarlet	Pink
Rose	Pure White	Orange
Salmon	Canary-Yellow	Copper-Bronze

Large bulbs, measuring 1½ inches and upward, separate colors, 10 cts. each, \$1 per doz., \$6 per 100

BODDINGTON'S SPECIAL MIXTURE. Equal proportions of the above colors. Large bulbs, measuring 1½ inches and upward, 10 cts. each, 75 cts. per doz., \$5 per 100.

We deliver seeds and bulbs anywhere in the United States at prices named in this catalogue, if your purchase amounts to \$1 or over, and cash accompanies the order.



Boddington's Tuberous-rooted Single-flowered Begonia

Begonias, Duke Zeppelin and Lafayette

Both varieties are of the dwarf habit, reaching a height of only about 10 to 12 inches; very sturdy. They are continuous bloomers, sending up their numerous spikes of double flowers well above the foliage from June till late fall, when frost overtakes them. These two varieties and Bertini are the best for bedding in the full sunlight.

Duke Zeppelin. Intense, pure vermilion-scarlet. 15 cts. each, \$1.50 per doz., \$12 per 100.

Lafayette. Rich, brilliant crimson-scarlet. 20 cts. each, \$2 per doz., \$15 per 100.

Bertini. A beautiful bedding Begonia, producing a continuation of brilliant vermilion single flowers of rare beauty. As a bedder it stands unrivaled. 15 cts. each, \$1.25 per doz., \$10 per 100.

Phosphorescent. A real jewel; extremely floriferous and, by its clear red-lead flowers, producing a marvelous effect in the sun when planted in groups. Also well adapted to pot culture. 15 cts. each, \$1.50 per doz., \$12 per 100.

Surpasse Davisii. Numerous flowers of a deep red, borne freely on straight stems; the plant has the appearance of bronze; very effective; certainly one of the most beautiful varieties among the free-flowering Begonias. 15 cts. each, \$1.50 per doz., \$12 per 100.

Crested Tuberous-Rooted Begonias

These are a remarkable strain of Begonias, ranging in all colors—salmon, pink, white, yellow, copper and scarlet; the size of the flowers is equal to the large singles, with the difference that the petals are of great substance and carry on the upper side a *crest-formed cockscomb*, making the flowers especially attractive. Prices, separate colors or mixed, 20 cts. each, \$2 per doz., \$15 per 100.

Friiled Tuberous-Rooted Begonias

In this new race the flowers are very large and massive, borne on erect, stout stems and charmingly frilled. In our opinion, by far the prettiest type of Tuberous Begonias in cultivation.

All colors from the deepest crimson to the purest white, mixed. Large bulbs, 15 cts. each, \$1.25 per doz., \$10 per 100; colors separate, 20 cts. each, \$1.50 per doz., \$12 per 100.

For cultural directions, see page 89

CINNAMON VINE

(Chinese Yam)

Splendid hardy climber of rapid growth, with bright green, heart-shaped leaves and white, cinnamon-scented flowers. 8 feet. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

CALLAS

Elliottiana and Mrs. Roosevelt may be successfully flowered in a sunny window in the spring, if potted in February, or they may be planted in the open ground early in May and will produce a profusion of bloom throughout the summer. The roots must be lifted in the autumn and stored in a frost-free, dry place over the winter.

Elliottiana. Flowers are large, rich, dark golden yellow, often 4 to 5 inches across the mouth; leaves are beautifully spotted with white. Extra-large bulbs, 40 cts. each, \$4 per doz., \$30 per 100.

Mrs. Roosevelt. Flowers light, clear yellow; very free; long stems; foliage spotted white. 25 cts. each, \$2.50 per doz.

Richardia alba maculata (Spotted Calla Lily). Deep green leaves, spotted with white; flowers pure white, with black center. Free-flowering. Large bulbs, 10 cts. each, 75 cts. per doz., \$6 per 100.

CALADIUM ESCULENTUM (Elephant's Ear)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. To obtain the best results they should be started in the house early in April, and planted where they will obtain plenty of water and an abundance of rich compost. When full size, it stands 6 to 10 feet high, and bears immense, light green leaves, 3 to 4 feet long by 2½ feet wide.

	Each	Doz.	100
Bulbs, 6 to 8 in. in circum.....	\$0 10	\$1 00	\$6 00
Bulbs, 8 to 10 in. in circum.....	20	2 00	10 00
Bulbs, 10 to 12 in. in circum.....	25	2 50	15 00
Monster bulbs, 12 in. and upward in circum.	50	5 00	40 00

CALADIUMS

FANCY-LEAVED

Fancy-leaved Caladiums require starting in a greenhouse where the night temperature ranges from 60 to 70 degrees, and a moist atmosphere.

BODDINGTON'S BRAZILIAN COLLECTION

Twelve varieties which were selected as the best of the collection of a famous savant and horticulturist of Rio de Janeiro, who has spent many years of painstaking effort in developing them. 35 cts. each, \$3.50 per doz., \$25 per 100. Collection of 1 each of 12 varieties, \$3.50.

NEHRLING'S FLORIDA COLLECTION

The twelve most beautiful and interesting Caladiums offered by this famous American grower for this season. 40 cts. each, \$4 per doz., \$30 per 100. Collection of 12 varieties, \$4.

ENGLISH GOLD-MEDAL COLLECTION

These varieties are the product of the most celebrated English Caladium specialist, and consist of varieties for which he has been awarded many Gold Medals by the most important European horticultural societies. They are all varieties of extravagant and gorgeous coloring harmoniously softened, and the handsomest transparent-leaved sorts, the cream of more than 100 varieties. 75 cts. each, \$7.50 per doz., \$60 per 100. Collection of 12 varieties, \$7.50.



Fancy-leaved Caladium, showing type of English Gold-Medal Collection

Boddington's Large-Flowering Cannas

Cannas grow well and luxuriantly in all sections of this country, succeeding in any sunny position and in almost any kind of soil, though they respond nobly if given a deep, rich loam and plenty of water. A month or more can be added to the flowering period by starting roots in the house in shallow boxes in moss during March.

Location of Bed.—In preparing the Canna-bed, dig deeply and thoroughly incorporate a liberal amount of well-rotted manure. Locate your Canna-beds where the roots of large trees will not rob them of moisture. But don't think your beds need to be in the middle of a lawn. Excellent results are obtained from marginal beds, made against an unsightly fence, flanking verandas, wall foundations, or in clusters where there is a bareness of vegetation.

Planting.—Plant the *dormant roots* about May 1, or as soon as danger of frost is past. In planting circular beds, put one Canna in the center first, then plant successive circles 18 inches apart, leaving that distance between each plant also.

FOR BEST EFFECT, PLANT CANNA BEDS ALL OF ONE COLOR

A round bed, 4 feet in diameter, requires 10 roots.

A round bed, 7 feet in diameter, requires 20 roots.

A round bed, 10 feet in diameter, requires 40 roots.

A round bed, 16 feet in diameter, requires 100 roots.



Canna, Venus

BODDINGTON'S LARGE-FLOWERING CANNAS, continued

NEWER CANNAS OF SPECIAL MERIT

The following varieties are the cream of all Cannas in their respective colors.

GUSTAVE GUMPPER. 3½ to 4 feet. The finest yellow bedding Canna; the fine trusses always clean-looking; in habit of growth very uniform; color a rich golden yellow, a shade that has been missing heretofore. 20c. ea., \$2 per doz., \$12 per 100.

KING HUMBERT. 5 feet. Its flowers, which, under ordinary conditions measure 6 inches in diameter, are produced in heavy trusses of gigantic size, are of a brilliant orange-scarlet, with bright red markings, while the foliage is broad and massive and of a rich coppery bronze, with brownish green markings. 10 cts. each, 75 cts. per doz., \$5 per 100.

ROSEA GIGANTEA. 3½ feet. Single petals are 2½ inches across; color a deep, rich rose, almost a coral-carmine. 25 cts. each, \$2.50 per doz., \$20 per 100.

PANAMA. 3 feet. The color of this splendid Canna is unusual, being an attractive rich orange-red, with a well-defined edge of bright golden yellow. 25 cts. each, \$2.50 per doz., \$20 per 100.

FIREBIRD. 4 feet. This is in every way one of the best red-flowered, green-leaved Cannas today. The petals measure 2½ inches and more across, and the color is a clear, glistening scarlet without any streaks, spots or blotches. While the flower is superior to Meteor, the foliage is not quite so handsome. 75 cts. each, \$7.50 per doz.

METEOR. (Boddington's variety.) 5 feet. The solid mass of deep dazzling crimson bloom produced is spectacular. Undoubtedly our best red, and one that will always be in the front rank when a brilliant crimson is desired. 35 cts. each, \$3.25 per doz., \$25 per 100.

MRS. ALFRED F. CONARD. 4 feet. Its exquisite salmon-pink flowers are of largest size, so freely produced as to keep a superb showing for months. 20 cts. each, \$2 per doz., \$12 per 100.

MONT BLANC. 3½ feet high. In color it is almost a pure white. 10 cts. each, 75 cts. per doz., \$5 per 100.

Yellow-Flowering, Green Foliage

AUSTRIA. 5 feet. Pure canary-yellow; an Orchid-flowering type. 10 cts. each, 75 cts. per doz., \$5 per 100.

GLADIATOR. 4 feet. Bright yellow, thickly spotted crimson; blooms profusely. 10 cts. each, 75 cts. per doz., \$5 per 100.

RICHARD WALLACE. 5 feet. Canary-yellow, with exceptionally large flowers; green foliage. 10 cts. each, 75 cts. per doz., \$5 per 100.

FLORENCE VAUGHAN. 5 feet. Yellow, spotted crimson. 10 cts. each, 75 cts. per doz., \$5 per 100.

JOHANNA KANZLEITER. 3½ to 4 feet. Light amber-yellow, changing to creamy white as it matures; very free and attractive. 10 cts. each, 75 cts. per doz., \$5 per 100.

Red-Flowering, Green Foliage

PRESIDENT CLEVELAND. 3 feet. Fine, large flowers in heavy, erect trusses; rich, bright, orange-scarlet; very showy and handsome. 10 cts. each, 75 cts. per doz., \$5 per 100.

PRESIDENT McKINLEY. Dwarf habit, growing only 2½ to 3 feet. Brilliant crimson, with scarlet shading. 10 cts. each, 75 cts. per doz., \$5 per 100.

LOUISIANA. 7 feet. A strong, vigorous-growing variety, producing a dense mass of glossy green foliage and vivid scarlet flowers, often measuring 7 inches across. 10 cts. each, 75 cts. per doz., \$5 per 100.

RED-FLOWERING, GREEN FOLIAGE, continued

EXPRESS. The Geranium Canna. 2 to 2½ feet. Color scarlet-crimson; the clusters are large and compact; foliage green. Dwarf habit, fine for edging or bedding. 10 cts. each, \$1 per doz., \$7.50 per 100.

FURST BISMARCK. 4 feet. Rich scarlet-crimson; of large size. 10 cts. each, 75 cts. per doz., \$5 per 100.

BLACK PRINCE. 3 to 4 feet. Intense, dark velvety maroon; grows strong and erect, fine dark red stems, and deep green leaves edged with purple. 10 cts. each, 75 cts. per doz., \$5 per 100.

Gold-Edged, Green Foliage

MAD. CROZY. 4 feet. Vermilion with gold border. 10 cts. each, 75 cts. per doz., \$5 per 100.

SOUV. DE A. CROZY. 4 feet. Crimson with gold band. 10 cts. each, 75 cts. per doz., \$5 per 100.

GENERAL MERKEL. 5 feet. Scarlet, suffused with orange, base and edge of flower marbled with golden yellow. The best of the scarlet-gold banded varieties. 10 cts. each, 75 cts. per doz., \$5 per 100.

GLADIOFLORA. 3½ feet. Remarkable for the unusual shape of the flowers, which look like large gladioli. Petals are not long, but short and rounded, and so wide that they overlap each other, thus giving a very attractive appearance to the flowers; color is crimson, changing to carmine-rose with an uneven edge of gold to each petal. 10 cts. each, 75 cts. per doz., \$5 per 100.

VENUS. 4½ feet. The color is a gay rosy pink, with a mottled border of creamy yellow. It blooms splendidly, with heads erect and flowers bright. 10 cts. each, 75 cts. per doz., \$5 per 100.

Bronze-Leaved Cannas

DAVID HARUM. 3½ feet. Flowers of large size, with well-rounded petals of good substance; color bright vermilion-scarlet, dotted with crimson spots; foliage bronze. 10 cts. each, 75 cts. per doz., \$5 per 100.

BRANDYWINE. 4 feet. Bronze-leaved. Color is intense vinous red, beautifully mottled with deep crimson; two or three petals are sometimes narrowly edged with bright gold. 10 cts. each, 75 cts. per doz., \$5 per 100.

PRES. MEYER. 4 feet. A glorious Canna; color rich cherry-carmine, producing a gorgeous effect; bronzy foliage. 10 cts. each, 75 cts. per doz., \$5 per 100.

WILLIAM SAUNDERS. 3½ feet. A gorgeous-bronze-leaved variety. The flowers are of a bright crimson-scarlet, often measuring 5 inches across, of remarkable substance. 15 cts. each, \$1.50 per doz., \$10 per 100.

DR. BUDINGEN. 4 feet. One of the most brilliant scarlets, both the individual flowers and the trusses being of large size; bronze foliage. 15 cts. each, \$1.25 per doz., \$7.50 per 100.

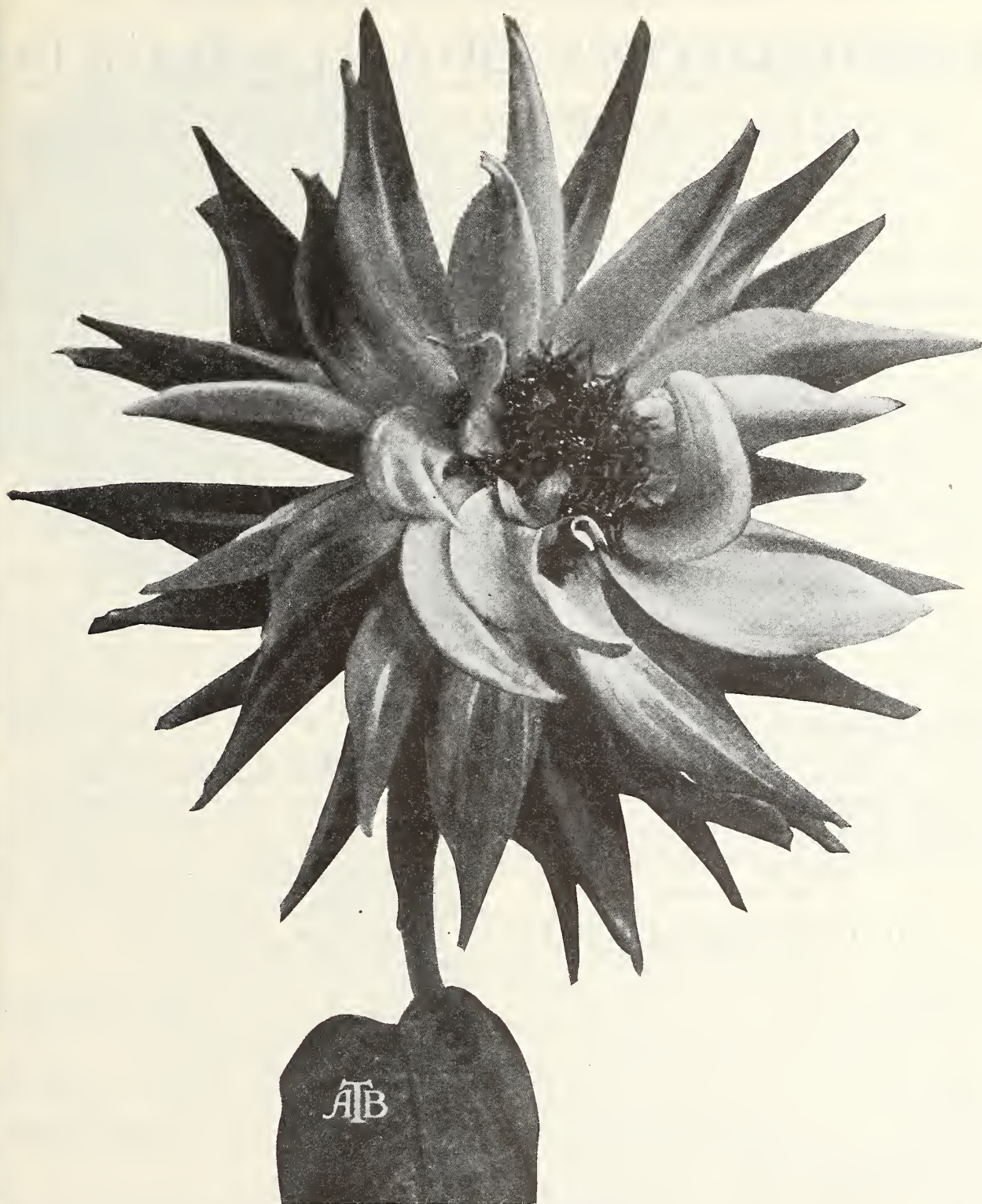
WYOMING. 7 feet. Massive orange-colored blossoms, true orchid-shape, with large, rounded petals. 10 cts. each, 75 cts. per doz., \$5 per 100.

EGANDALE. 4 feet. Currant-red; handsome bronze foliage. 10 cts. each, 75 cts. per doz., \$5 per 100.

SHENANDOAH. 6 feet. A splendid bronze-leaved variety; large, salmon flowers. 10 cts. each, 75 cts. per doz., \$5 per 100.



Panama
Canna



Cactus Dahlia, John Green

A new English variety. The coloring is intensely brilliant, the center clear golden yellow, quickly changing to fiery scarlet. The great feature of this variety is its lasting qualities, the flowers remaining in full beauty for over a week, unhurt by rain or sun. Awarded First-class Certificate, National Dahlia Society, London, and received XXX from the joint committee of the Royal Horticultural Society and National Dahlia Society at Cardiff. \$1.50 each.

BODDINGTON'S QUALITY DAHLIAS

Peony-Flowered Dahlias (The Aristocrats of the Dahlias)

The Peony-flowered Dahlias comprise a comparatively new type of this great decorative plant, and have created a sensation wherever shown. They have also received the highest honors ever accorded novelties. Blooms grow erect on tall stems, are of large size, measuring 6 to 8 inches across, and of remarkable coloring. They are excellent for cutting and all decorative purposes, and last well in water. We were the first to offer the Peony-flowered Dahlias in America.

FOUR SUPERB NOVELTIES FOR 1916

Elinor A. Innes. Flowers of a beautiful purple, with an exquisite yellow center, which lends an additional charm to the entire flower; free-flowering. \$1 each.

Garibaldi. A gorgeous new Holland Peony-flowered Dahlia; bright crimson. \$1.50 each.

John Green. A new English variety. The coloring is intensely brilliant, the center clear golden yellow, quickly changing to fiery scarlet. The great feature of this variety is its lasting qualities, the flowers remaining in full beauty for over a week, unhurt by rain or sun. Awarded First-class Certificate, National Dahlia Society, London, and received XXX from the joint committee of the Royal Horticultural Society and National Dahlia Society at Dahlia trials at Cardiff. \$1.50 each.

Virginia Marshall. New peony-flowered seedling. Very beautiful and delicate; in shape and form, the flowers are absolutely novel, the petals are very long and beautifully quilled and twisted. The blossoms are of an exceptionally dainty primrose-yellow, faintly overlaid a delicate rose-lilac shade. 50 cts. each.

Collection, one of each, \$4

THE THREE NOVELTIES OF 1915

Chatenay. Color similar to the well-known Chatenay Rose, carmine, shaded salmon; blooms held erect on good, stiff stems. First-class Certificate, Amsterdam, 1913. 50 cts. each, \$5 per doz.

Duchess of Brunswick. Bright red; blooms 8 to 9 inches across, the outside of the florets being apricot. First-class Certificate, Amsterdam and Haarlem, 1913. First-class Certificate, National Dahlia Society, and Award of Merit, R.H.S., London, September, 1913. \$1 each, \$10 per doz.

Mrs. J. C. Vaughan. Lovely bright and clear yellow flowers, 8 inches across, with incurved, irregular florets of the Cactus type; very attractive; good substance and strong stems. First-class Certificate, Amsterdam and Haarlem, 1913. First-class Certificate, National Dahlia Society, and Award of Merit, R. H. S., London, September, 1913. 75 cts. each, \$7.50 per doz.

Collection, one of each, \$2

VARIETIES OF SPECIAL MERIT

AMERICA. Apricot-orange. 35 cts. each, \$3.50 per doz.

AVALANCHE. Pure white; the best in this class. 75 cts. each, \$7.50 per doz.

BARON G. DE GRANCY. Glistening, pure white. The flowers are borne in a miraculous profusion upon long, graceful stems. 25 cts. each, \$2.50 per doz.

CÆSAR. Canary-yellow, well-formed flowers, borne on long stems. 35 cts. each, \$3.50 per doz.

CECILIA. Creamy white; very large flower. 50 cts. each, \$5 per doz.

DR. PEARY. Dark, velvety mahogany, unique color, the darkest of this section. 35 cts. each, \$3.50 per doz.

ELECTRA. Bluish mauve; grows very erect above the foliage; free-flowering. \$1 each, \$10 per doz.

FRAULEIN BUDDE. Soft pink; free-flowering. 50c. ea, \$5 per doz.

GEISHA. The most peculiar color in this class. Orange-red, with yellow center, paling off toward the ends of the petals. 50 cts. each, \$5 per doz.

GLORY OF BAARN. Fragrant. The coloring is exquisite, being a delightful clear soft pink; a most pleasing flower whose light rosy tint and yellow center form a perfect contrast with the deep green foliage. The flowers are of wonderful size and produced freely on long, wiry stems. 25 cts. each, \$2.50 per doz.

VARIETIES OF SPECIAL MERIT. continued

GODDESS OF FAME. The upper side of the petals is a soft shade of yellow, faintly veined orange, while the under side is a light cast of orange, veined soft scarlet. 50 cts. each, \$5 per doz.

HAMPTON COURT. One of the best of the English creations; a Dahlia of immense size and marvelous qualities. The color is an exceedingly effective bright deep pink, with a beautiful golden yellow center. \$1 each, \$10 per doz.

H. J. LOVINK. White, shaded lilac; very robust grower, carrying its flowers erect above the foliage. 50 cts. each, \$5 per doz.

HORTULANUS BUDDE. Glowing scarlet. 75 cts. each, \$7.50 per doz.

LOVELINESS. Pale lilac, shaded white. \$1 each, \$10 per doz.

MARIE STUDHOLME. Delicate, bright mauve-pink, shaded with a glistening ivory sheen, this beautiful combination giving the appearance of a lavender-pink. The flowers of very original form, petals being very gracefully curved and twisted. 25 cts. each, \$2.50 per doz.

MRS. A. PLATT. A flower of massive proportions, but charming in general appearance. The blooms are large and perfectly formed, color magnificent bluish pink. \$1 each, \$10 per doz.

MRS. A. BOYER. A seedling from Bertha Von Suttner. In color, a combination of salmon and fawn. 50 cts. each, \$5 per doz.

PAINTED LADY. Pale rose. \$1 each, \$10 per doz.

SHERLOCK HOLMES. Lovely mauve; very large flower. 75 cts. each, \$7.50 per doz.

One each of the Special Merit Collection of Peony-flowered Dahlias (1914), 20 varieties, for \$10; two collections for \$18.

GENERAL COLLECTION

All varieties, 25 cts. each, \$2.50 per doz., \$20 per 100

Admiration. Deep rosy crimson, yellow at base of petals. The flowers are large and full, each petal being semi-cupped and pointed. Novel shape and color.

Andrew Carnegie. Salmon-pink, with bronze shadings; the form is unique, resembling a sunflower.

Bertha Von Suttner. Beautiful salmon-pink, shaded yellow; the flowers are of elegant form and carried erect.

Dr. K. W. Van Gorkom. Magnificent, large blooms of white, softly shaded rose; very free-blooming.

Duke Henry. Dark red, loose, semi-double flowers.

Germania. Wine-color with yellow markings; unique and distinct.

H. Hornsveld. Enormous flowers of elegant form; soft salmon-pink.

Hugo de Vries. Orange-and-brown flowers; dwarf variety.

King Leopold. Yellow; flowers very large.

King Edward. Large; purple-crimson.

Konigin Emma. Very large; soft rosy lake.

Konigin Wilhelmina. An enormously large, pure white flower; sometimes measuring 7 inches in diameter.

La Riente. Pink; large flower.

P. W. Janssen. Fine rosy salmon; good, long stems, odd color.

Phenomene. Cactus-shaped florets; salmon shade, suffused light amber.

Priscilla. A light orange-scarlet.

Queen Alexandra. Sulphur-white; excellent flower.

Snow Queen, or Sneeuwvitie. Holland variety. Peony-flowered Dahlia. Pure white.

Solfatara. Beautiful form; scarlet, gold center.

Sunrise. One of the most fascinating varieties in existence, the color being an exquisite, clear, lively pink.

Collection: One of each of the above 20 Peony-flowered varieties for \$4; two collections for \$7.50.

PEONY DECORATIVE DAHLIAS

Ten Unique Varieties

ALICE ROOSEVELT. Mauve-shaded. 50 cts. each, \$5 per doz.

BERCH VAN HEEMSTEDE. Pure yellow; free-flowering. 50 cts. each, \$5 per doz.

GREAT BRITAIN. Clear mauve; largest of all. First-class Certificate, Amsterdam and Haarlem. 50 cts. each, \$5 per doz.

HORTULANUS FIET. Salmon, yellow center; very large flowers. First-class Certificate, Amsterdam. Award of Merit, Haarlem. 50 cts. each, \$5 per doz.

HORTULANUS WITTE. Pure white. 35c. each, \$3.50 per doz.

LEO XIII. Deep yellow; remarkable form; very attractive. 50 cts. each, \$5 per doz.

MRS. FLEERS. Rosy red. 25 cts. each, \$2.50 per doz.

PRINCESS JULIANA. Pure white; free-flowering; the best white for cutting. 25 cts. each, \$2.50 per doz.

SOUV. DE GUSTAVE DOAZON. A Decorative variety of mammoth proportions, which, under ordinary cultivation, will produce flowers 6 inches across, and can be grown to measure fully 9 inches. Remarkably profuse and pure scarlet in color (see illustration). 25c. ea., \$2.50 per doz., \$20 per 100.

ZEPPELIN. A grand lilac variety. Award of Merit, Amsterdam. 50 cts. each, \$5 per doz.

Collection of one of each of the above 10 Unique Decorative Dahlias for \$4; two collections for \$7.50.

GIANT DECORATIVE DAHLIAS

CHRYSANTHEMISTE ALBERT DELAUX. Enormous flowers, of a vivid crimson. 20 cts. each, \$2 per doz.

CUBAN GIANT. Very large; dark, rich maroon. 25 cts. each, \$2.50 per doz.

MRS. ROOSEVELT. The color is a delicate shade of soft pink; flowers are perfectly double and very large, measuring 6 to 8 inches in diameter. 35 cts. each, \$3.50 per doz.

MME. VAN DEN DAEL. A charming soft rose with deeper markings, shading to white in the center. 25 cts. each, \$2.50 per doz.

MINA BURGLE. Flowers of gigantic size, and remarkable beauty. A glowing crimson exquisitely overlaid a wonderfully gorgeous, deep crimson. The flowers are of perfect Decorative type, and borne upon long, wiry stems, well above the foliage. A variety which attracts universal attention. 50 cts. each, \$5 per doz.

W. W. RAWSON. The petals toward the center are quilled similar to the Grand Duke Alexis, toward the outer part they are more open and flat. The color is pure white, overlaid with amethyst-blue. This wonderful combination gives it the appearance of a delicate lavender. The flowers measure from 7 to 9 inches in diameter. 35 cts. each, \$3.50 per doz.

Collection of the above 11 varieties of Giant Decorative Dahlias for \$4; two collections for \$7.50

STANDARD DECORATIVE DAHLIAS

All varieties, 25 cts. each, \$2.50 per doz.

American Beauty. A seedling from the well-known French Decorative Le Colosse, being almost identical in form, shape and size. The flowers are of gigantic size and produced on long, heavy stems, well above the foliage. The color of this acquisition is a gorgeous wine-crimson.

Catherine Duer. The Dahlia of Newport. For effect in artificial light after being cut, there is hardly another variety which has more brilliancy; a giant flower borne on erect stems; its deep, rich, glowing red is most effective.

Clifford W. Bruton. A grand, free-flowering yellow. The flowers are carried on long, strong stems and are especially fine for cutting.

Delice. The finest pink Decorative Dahlia; color a soft, delicate pink. The flowers are carried erect on straight stems, often 18 inches in length. Grows 3 feet high.

Jack Rose. It is rightly named Jack Rose, as the color is identical with the bloom of that rose—a beautiful dark crimson. Morris County Gardeners' and Florists' Society awarded a Certificate of Merit.

Jeannie Charmet. The exquisite flowers are pink at the edges, pure white toward the center and light yellow at the margins. Borne on stiff, wiry stems, 18 inches long.

Mme. A. Lumiere. Pure white with violet-red points, a fine contrast of colors; very distinct. 4 feet.

Minos. The flowers are very large, borne on long, graceful stems. The color is intense velvety maroon, almost black. Fine for all uses.

Perle de la Tete d'Or. One of the best white decorative Dahlias, faintly veined lavender; excellent for cutting.

Perle de Lyon. A most valuable white, perfect in form, pure in color, and produced on long, stiff stems, and very free-flowering.

Reggie. Cherry-red, veined orange; one of the best.

Surpasse Colosse. A seedling from Le Colosse; the form of flower is very similar, the petals being more pointed. The color is much deeper and a more dazzling shade, a deep scarlet-crimson.

Yellow Colosse. Large, showy flowers of pure primrose-yellow are produced very freely on long, graceful stems. Its golden cup-shaped petals are daintly arranged.

Collection, one each of the above 13 varieties of Standard Decorative Dahlias for \$2.75; two collections for \$5



BEAUTIFUL NEW CACTUS DAHLIAS FOR 1916



Types of Cactus Dahlias

Breslau. New German Cactus Dahlia. One of the finest of our new varieties. In color, a rich shade of royal purple, artistically tipped white. Flowers produced upon straight, stiff stems, in abundance. \$1 each.

Kalif. A truly majestic flower, frequently measuring over 9 inches in diameter. A hybrid Cactus type, petals being broad, straight and beautifully quilled at the points. The color is a pure, rich scarlet. The plant grows between 4 and 5 feet in height; the gigantic flowers, which are produced freely, are held erect on strong, stiff stems, making it a most effective and useful variety. National German Dahlia Society's highest award—a silver Medal. \$1 ea.

Mrs. Brandt. Gigantic, tightly quilled Cactus Dahlia. Beautiful, deep golden orange, blending and interchanging to golden orange-yellow at center. The flowers are not only large, but of marvelous depth, also the great number of long florets incurve in a beautiful and pleasing manner. A splendid specimen of the latest type of Cactus Dahlia. \$1 each.

Tustu. Beautiful velvety maroon. Long, straight, quilled petals or florets; exceptionally free-flowering; plants of splendid habit. 75 cts. each.

Collection, one of each, 4 Beautiful New Cactus Dahlias for 1916, \$3.50

CACTUS DAHLIAS OF SPECIAL MERIT

35 cts. each, \$3.50 per doz.

BRIGADIER. Bright crimson, base and outer petals scarlet-crimson; petals long and numerous; large full flowers of extra fine form.

DIABOLO. Base of the florets yellow to white; the upper portion of petals is suffused with rose, each petal is then splashed, speckled and striped with chocolate and crimson, giving the flower a most extraordinary appearance.

CACTUS DAHLIAS OF SPECIAL MERIT, continued

DIADEM. This is a telling exhibition variety, with very narrow petals incurved to such an extent as almost to meet in the center. Very large and graceful. One of the best of the lilac shades.

ETRURIA. A very pleasing shade of reddish apricot.

FREEMASON. Pale apricot center, passing to rich orange at tips.

GOLDEN GEM. One of the best golden yellow Cactus Dahlias.

HELENE. The color is an exceedingly beautiful lavender-pink, gradually changing to delicate white at the center.

MRS. T. W. WILLIS. White in the center with edgings of lilac on the younger florets, the greater part of the bloom being rose-lilac.

REINE CAYEUX. An exceptionally free-flowering variety of great substance. The plants are literally covered with flowers from July until frost. The flowers are medium size, of a beautiful ruby-crimson, and are borne on long, graceful stems; excellent for exhibition purposes. One of the best.

REV. ARTHUR HALL. Color ruby-crimson, relieved at the points of petals by showing the lighter tinge of the reversing color.

REV. DR. BAKER. One of the most reliable Dahlias we have ever grown, being always covered with large and perfect flowers. The coloring is very odd, being a novel shade of plum. Excellent for exhibition or garden purposes.

ROSA STARR. A very beautiful lilac-pink. In addition to the long, quilled petals common to all Cactus Dahlias, this variety has very fine needle-like inner petals, entirely different from the other Cactus varieties.

SATISFACTION. A beautiful rose-pink shade, approaching to white in the center.

SANDY. Golden orange, suffused with fawn. A flower of great substance and durability.

MRS. GEO. CASELTON. This is one of the finest dark shades ever introduced. The color is a blackish maroon, shaded with purple.

THE KING. The richest of velvety crimson. Fine for exhibition.

THOMAS CHALLIS. A very rich tone of salmon-red; florets arranged with the utmost regularity. Very good, strong grower.

YONNE CAYEUX. A most beautiful form, a perfect star shape, petals being located with most exact regularity; color an immaculate white; a large flower and an acquisition of first order among the white Cactus.

Collection, one of each, 18 Cactus Dahlias of Special Merit, \$5

SELECT CACTUS DAHLIAS

25 cts. each, \$2.50 per doz., \$20 per 100

Alight. Rich, deep orange, with a much brighter center; extra-fine form.

C. E. Wilkins. A clear salmon-pink, overlaying yellow.

Countess of Malmesbury. Delicate peach-pink; very narrow petals.

Dainty. Lemon-yellow, tipped rose-pink; very delicate.

Dorothy. This variety is a lovely silvery pink color. The flowers are of good size, very deep and well formed.

Dr. G. G. Gray. A fiery crimson-scarlet, with the finest needle-pointed petals.

Eureka. This has all the good qualities of a Dahlia, and is properly named. Color a deep purple.

F. H. Chapman. A deep orange-yellow of extra-fine form; large and free.

Forbes-Robertson. Light orange.

Fred Cobbold. Bright crimson. One of the best; large and bold; very free.

Genista. Deep amber, shading gold. Extra.

J. H. Jackson. This is the best of the very dark Cactus Dahlias. The color is a blackish maroon. Very large.

Jeanette. This is, perhaps, the finest buttercup-yellow Cactus Dahlia.

Kathleen Bryant. Deep, rich, velvety crimson. One of the finest of its color.

Ruby Grinstead. The center is a soft tone of yellow, which is gradually suffused until it becomes a rich shade of rose-fawn, the outer incurving petals being a very light salmon-pink, making it very attractive.

W. B. Childs. Blackish maroon, with purple shadings. An extra large flower.

Wellington. Glowing crimson with a shade of purple toward tips.

Wm. Marshall. Rich orange, with yellow center.

Collection, one of each, Select Cactus Dahlias, \$3; two collections, \$5

SHOW AND FANCY DAHLIAS

Varieties 25 cts. each, \$2.50 per doz., \$20 per 100, except where noted

A. D. LIVONI. Soft pink.

DOROTHY PEACOCK. The flowers are of large size and exquisite form, while the color is that beautiful, clear, live pink which appeals to everyone.

DREER'S WHITE. Color, pure glistening white, resembling in form the popular Grand Duke Alexis, while in freedom of flowering it is not surpassed by any.

ELSIE DAVIDSON. New giant-flowering Show Dahlia. A beautiful deep golden yellow.

FRANK SMITH. Deep maroon, white tips.

GOLD MEDAL. Bright canary-yellow, regularly marked with fine stripes and splashes of deep red.

GRAND DUKE ALEXIS. A popular Dahlia. Color white, tinged soft lavender near the edges.

MAUD ADAMS. The color is a pure, snowy white, very effectively overlaid clear, delicate pink. One of the finest of the Show type. 50 cts. each.

MERLIN. Bright orange-scarlet. One of the best Dahlias ever offered.

MURIEL. Deep orange; very free.

NORMA. Bright orange. One of the best grown; extra-fine shape

ROSE VICTORIA. Clear, pure canary-yellow.

QUEEN. One of the largest of recent introduction; a remarkable Dahlia of decided formation. Color, a deep rose; flowers are carried erect upon extra-long stems; exceedingly free-flowering.

STORM KING. Flowers are snow-white; extremely early and a free bloomer, producing its flowers on long stems.

STRADELLA. Beautiful deep purple-crimson. Very free-flowering. One of the finest to date.

WHITE SWAN. Large; pure white; very strong and vigorous grower, producing the flowers profusely on long stems.

Collection of above 16 varieties Show and Fancy Dahlias for \$3; two collections for \$5, by express or parcel post, prepaid

POMPON DAHLIAS

All varieties 25 cts. each, \$2.50 per doz.

Amber Queen. Rich, clear amber, shaded apricot.

Bobby. Plum-color; one of the best.

Darkest of All. Nearly black; best dark.

Fairy Queen. Sulphur-yellow, edged pink.

Gruss am Wein. Crushed strawberry.

Prince Charming. Cream, tipped purple. One of the best.

Rosalie. Pale primrose, tipped pinkish red.

Raphael. Very dark maroon, of extra-fine form

Sunbeam. Crimson; fine.

Snowclad. The finest white Pompon to date.

Collection of above 10 varieties of Pompon Dahlias, \$2.25

CENTURY DAHLIAS

The flowers measure from 4 to 6 inches in diameter, borne on stems 2 to 3 feet in length.

Blanche. Large; a pale yellow at the base, faintly tipped pink. 20 cts. each, \$2 per doz.

Gladys. Of largest size; white, pink and crimson. 25 cts. each, \$2.50 per doz.

Rose-Pink Century. Of immense size, perfect form and of great substance. 25 cts. each, \$2.50 per doz.

20th Century. Intense rosy crimson, with white tips and white disk around the yellow center. 15 cts. each, \$1.50 per doz.

Collection of the above 4 varieties Century Single Dahlias for 80 cts.



Type of Show Dahlia

NOVELTY CENTURY DAHLIAS

MAJESTY. Up-to-date new Single. A splendid flower, with perfectly gorgeous coloring, being rich, velvety maroon. A bouquet of this flower is most effective and wins favor instantly. 50 cts. each, \$5 per doz.

MERRY WIDOW. A general favorite prized by all, the plants being literally covered with beautiful deep scarlet blossoms throughout the entire season. The plants are dwarf and bushy, a single plant making a very effective showing. 25 cts. each, \$2.50 per doz.

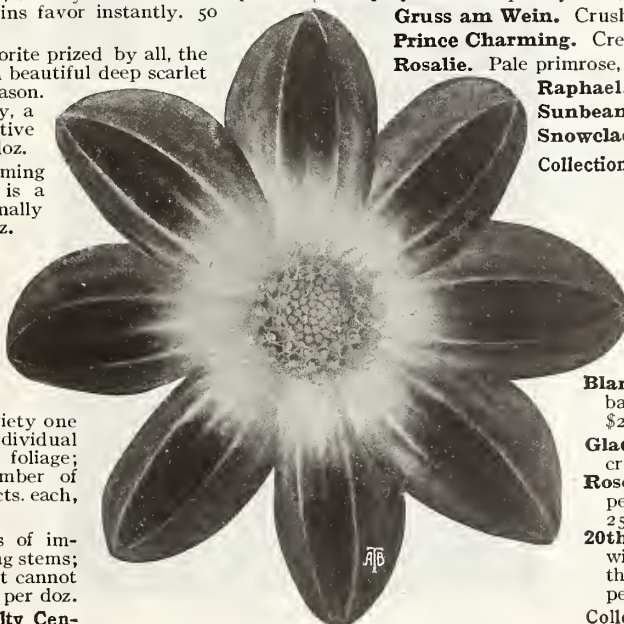
MILDRED. One of the most charming of the Single type. The color is a bright, clear yellow and exceptionally showy. 25 cts. each, \$2.50 per doz.

MR. FRANK I. SHOREY. The coloring is most fascinating and delightful, being a beautiful waxy white effectively veined and shaded delicate pinkish lavender. 35c. each, \$3.50 per doz.

NEWPORT BEAUTY. The extremely good habit, and compactness of growth makes this variety one of the most valuable. Each individual plant makes a solid bush of foliage; crowned with an unlimited number of dazzling crimson-pink flowers. 35 cts. each, \$3.50 per doz.

THE BRIDE. Pure white; flowers of immense size, and produced upon long stems; for cutting and vase decoration it cannot be surpassed. 35 cts. each, \$3.50 per doz.

Collection of 6 varieties of Novelty Century Dahlias for \$2; two collections for \$3.75.



Type of Century Single Dahlia

BODDINGTON'S QUALITY GLADIOLI

As a cut-flower the Gladiolus is more accommodating to circumstances than are most others. If required at an earlier date than that on which the flowers would naturally open, they may be cut and the stems inserted in water, and placed in a warm temperature, to which response is speedily manifest; or, if too early, they may be retarded, and will keep fresh for several days in a cool room or cellar. For conveying distances, they are unsurpassable for the length of time they will remain without moisture in a close-fitting box uninjured, and when placed in water on arrival at their destination, they quickly revive, and the unopened blooms commence to expand nearly as well as though they had roots and corm beneath them.

Novelty Gladioli, Including Europa, Peace and War

Europa. One of the finest white Gladioli, and the individual flowers are the purest in snowy whiteness. 20 cts. each, \$2 per doz., \$15 per 100.

Peace. Flowers are large, of good form, correctly placed on a heavy, straight spike. Color beautiful white, with a pale lilac feathering on the inferior petals. 15 cts. each, \$1.50 per doz., \$10 per 100.

War. A fitting companion in color to Peace. Deep blood-red, shaded crimson-black. \$1.25 each, \$12 per doz.

AFTERGLOW. Flowers large; salmon-fawn, with violet center. \$1 each, \$10 per doz.

BLUE JAY. (True.) This variety has generally been confused with Baron Hulot, but it is much superior. Beautiful blue flowers on tall and vigorous-growing spike. "The true blue variety." \$1.25 each, \$12 per doz.

DAWN. (Tracy's.) The most beautiful shell-pink Gladiolus ever offered. A long, graceful spike of magnificently formed flowers, all open at one time. 20 cts. each, \$2 per doz., \$15 per 100.

EVOLUTION. Delicate rose, shaded darker. 30 cts. each; \$3 per doz.

INDEPENDENCE. A brilliant rose-pink, with richly marked throat. A long spike of wax-like flowers. One of the best for cut-flowers and for massing because of its color and the lasting quality of the bloom. 5 cts. each, 50 cts. per doz., \$3 for 100.

KUNDERDI "GLORY," The Grand Orchid-flowered Gladiolus. This type is distinctively new. Broad-expanded, wide-open flowers, paired by twos, face all in the same direction, and are carried on straight, stout stalks never less than 3½ feet in height. From four to eight flowers are open at one time; each petal is exquisitely ruffled and fluted at the edges, such as is noticeable only in orchids. The color is delicate cream-pink with a neat, attractive crimson stripe in the center of each lower petal. The shade of pink is unknown in any other Gladiolus. 10 cts. each, 75c. per doz., \$5 per 100.

MRS. FRANK PENDLETON, JR. This splendid Gladiolus was awarded a First-class Certificate of Merit by the Massachusetts Horticultural Society of Boston and by the American Gladiolus Society at Baltimore, 1911. This new variety is the result of crossing the best of the largest-flowered type and is now a type of its own. Its color is the most exquisite salmon-pink, with a very conspicuous blood-red blotch in the throat on the lower petals. 20 cts. each, \$2 per doz., \$15 per 100.



Gladiolus, Peace

MAIZE. A valuable addition to the list of light-colored Gladioli. A soft, light corn-color, tinted rose, with slender tongue of fuchsia-red on lower petals. Its dainty coloring and especially long, graceful spikes make it most desirable. 15 cts. each, \$1.50 per doz., \$10 per 100.

NIAGARA. In type the variety resembles America, but the flowers appear to be somewhat larger, measuring 4½ inches across. In color they are a delightful cream-shade, with the two lower inside petals or segments blending to canary-yellow. The throat is flushed with carmine, and the lower ends of the outside petals are also flushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals. The flower-spike is very erect and stout, and is wrapped with broad, dark green foliage. The variety is evidently destined to lead in the cream-colored varieties. 15 cts. each, \$1.25 per doz., \$7.50 per 100.

PANAMA. A new seedling of America, which it resembles in every way except that it is a much deeper pink. A grand variety which evokes words of praise wherever exhibited. Spike very long, with flowers large and well arranged. Awarded First-class Certificate by the Newport Horticultural Society, September 16, 1911. 15 cts. each, \$1.25 per doz., \$8 per 100.

REINE BLANCHE. Very strong grower, one bulb often producing two or three flower-stems; long spike; flowers of medium size. With the exception of a very small purple streak at the bottom of the throat, the flower is of perfect white, turning to fleshy white toward the end of the flowering stage. It is decidedly one of the best white Gladioli. 15 cts. each, \$1.25 per doz., \$8 per 100.

ROCHESTER WHITE. The value of this novelty is its color—the purest white ever offered. The flowers, which are correctly placed, are large and well shaped; the filaments also are pure white. The very fact that the anthers and pollen of this variety are white place it in a class by itself. The spikes, well supported and large, average 3 feet in height. Quite early. 15 cts. each, \$1.50 per doz., \$10 per 100.

VIVID. Rich, velvety purple; flowers round, and well placed; spike erect and of good constitution. 50 cts. each, \$5 per doz., \$40 per 100.

Willy Wigman. A beautiful blush tint, with long, bright crimson blotch on lower petals. The effect of the crimson on the cream petals is most pleasing. 10 cts., each, 75 cts. per doz., \$5 per 100.

Boddington's Quality Standard Named Gladioli

The Grand Giant Gladiolus, HOLLANDIA

(The Pink Brenchleyensis)

Flowers well arranged on a spike which attains a height of about 4 feet. Often as many as 30 blooms of a charming pink shade tinted yellow are open at one time. 10 cts. each, 75 cts. per doz., \$5 per 100.

Attraction. Deep, dark, rich crimson, with a very conspicuous, large, pure white center and throat. At once a most beautiful and attractive sort. 10 cts. each, 75 cts. per doz., \$5 per 100.

Augusta. Pure white, with slight tint of lavender on throat. The finest white Gladiolus in existence for the amateur. 5 cts. each, 50 cts. per doz., \$3 per 100.

Baron Hulot. One of the best Gladioli. It is a rich, deep blue of an indigo shade. One of the very few real blue Gladioli on the market, and a very valuable addition to the list of extra-fine sorts. 10 cts. each, 75 cts. per doz., \$4 per 100.

Brenchleyensis. Vermilion-scarlet; one of the most showy, satisfactory and cheapest. 5 cts. each, 30 cts. per doz., \$2 per 100.

Canary-Bird. This, without doubt, is the best yellow variety next to Sulphur King. A pure canary-yellow that is very pleasing and attractive. 10 cts. each, \$1 per doz., \$8 per 100.

Childsii Giant. Flowers of great substance and gigantic size, frequently 7 to 9 inches across. Dark shades, 5 cts. each, 35 cts. per doz., \$2.50 per 100. Light shades, 5 cts. each, 50 cts. per doz., \$3.50 per 100.

Contrast. Flowers of great substance and a beautiful, compact spike of perfect form. Intense scarlet with a large, distinct, pure white center which is neither tinted nor mottled. One of the most striking and beautiful Gladioli ever introduced. 50 cts. each, \$5 per doz.

Groff's New Hybrids. The flowers are of great substance and gigantic; every known color among Gladioli is represented, and many shades never before seen, particularly blues, grays and purple-blacks; with beautifully mottled and spotted throats. Mixed colors, 5 cts. each, 35 cts. per doz., \$2 per 100.

I. S. Hendrickson. New. A beautiful and irregular mottling of white and bright deep pink; in some the pink, and in others the white predominating. Flowers and spikes very large and fine. 10 cts. each, \$1 per doz., \$8 per 100.

May. White, flaked rosy crimson; under greenhouse cultivation comes almost pure white. 5 cts. each, 50 cts. per doz., \$3 per 100.

Melrose. White, flaked pink, bright crimson center; very large and fine. 25 cts. each, \$2.50 per doz., \$20 per 100.

Marie Lemoine. Large spike of fine, well-expanded flowers; upper division of a pale cream-color, flushed salmon, the lower divisions spotted violet. 15 cts. each, \$1 per doz., \$8 per 100.

Mad. Monneret. Delicate rose. 5 cts. each, 50 cts. per doz., \$4 per 100.

Mephistopheles. Flowers dark red, stained with black and yellow. 15c. each, \$1.50 per doz., \$10 per 100.

Octoroon. A beautiful salmon-pink; very distinct. 15 cts. each, \$1.50 per doz., \$10 per 100.

Shakespeare. White, suffused carmine-rose. A gigantic-growing Gladiolus. One of the best for forcing under glass. Extra-selected, first-size bulbs, 10 cts. each, \$1 per doz., \$7 per 100.

Sulphur King. Deep, pure yellow. One of the best of its color. 25 cts. each, \$2.50 per doz., \$15 per 100.

William Falconer. Spike of great length and flowers of enormous size; beautiful clear, light pink. 10 cts. each, \$1 per doz., \$8 per 100.

Collection of one each of the above 19 varieties for \$2.25.



Boddington's Aero Mixture of Gladioli

Boddington's Quality Mixtures of Gladioli

Boddington's Aero Mixture being the highest types of this grand flower, and containing the finest named varieties in commerce, carefully selected and mixed in proportionate colors, to please the most critical. Our guarantee of **quality** is behind this exceptional offer, and to those who are lovers of this beautiful genus we commend it, feeling assured that it will please the most fastidious. **\$1 per doz., \$7.50 per 100, \$60 per 1,000.**

Scarlet and Red. 40 cts. per doz., \$2.50 per 100.

Striped and Variegated. 50 cts. per doz., \$4 per 100.

American Hybrids. All colors mixed. 25 cts. per doz., \$2 per 100.

Boddington's White and Light. The finest mixture of light shades ever offered, containing a large percentage of the finest named sorts. 40 cts. per doz., \$2.75 per 100, \$25 per 1,000.

Lemoine's Spotted Hybrids Mixed. Popularly known as Butterfly Gladioli. Remarkable for the richness and variety of their colors and odd, orchid-like markings. 30 cts. per doz., \$2 per 100.

Orange and Yellow. 75 cts. per doz., \$5 per 100.

Pink and Rose Shades. 40 cts. per doz., \$2.50 per 100.

GLADIOLI OF RECENT INTRODUCTION

Gladioli are among the easiest and most satisfactory bulbs to grow, and beautify the large and small garden alike—their utility as a decorative flower, either cut or growing, is unquestioned.

Gladioli can be grown in beds by themselves or planted in the herbaceous border, or among the roses, peonies and shrubbery, where they will flower when other flowers are out of bloom.

The best time to plant is about the first of May, putting in the smallest bulbs first, and reserving the larger bulbs for later planting. A succession of bloom may be had from July to October by making plantings two weeks apart up to the end of June.

To secure early blooms, the bulbs can be started in pots, or they can be retarded by late planting and cold storage.

Bulbs can be planted as soon as danger of frost is past. A good, deep, rich soil suits them best. They should be set about 4 inches deep and 6 inches apart each way, if beds are required. When in full growth and coming into flower, they should be heavily mulched or watered with diluted cow-manure. If necessary, stake with light bamboo canes.

ALASKA. A pure white variety having a strong constitution and producing a long spike of well-formed flowers. This variety was exhibited at the Convention of the S. A. F. and O. H., at Philadelphia, 1907, under No. 27, and was awarded Certificate of Merit. 65 cts. each, \$6.50 per doz., \$50 per 100.

ALINE. One of the finest pure white sorts ever introduced. The flower is pure white and very large, well-formed bell-shape on a strong spike. 20 cts. each, \$2 per doz., \$16 per 100.

AMERICA. By far the most vigorous and easily grown Gladiolus known. This beautiful Gladiolus has produced as great a sensation as the now famous Princeps. The flowers, which are of immense size, are of the most exquisite, soft lavender-pink, very light, almost a tinted white. The color is the same as seen in the most exquisite Cattleya orchids. For cut use and bedding it is without a rival. 5 cts. each, 35 cts. per doz., \$2.50 per 100.

BARCLAY. Fine, wide flower; soft rose, with white throat; beautiful under artificial light. 50 cts. each, \$5 per doz., \$40 per 100.

CHARLEMAGNE. Very large, open flowers on massive spikes; color sunrise-red, flaked and marked darker. 60 cts. each, \$6 per doz., \$48 per 100.

ELDORADO. Deep cream-yellow, lower petals spotted with maroon and black. 15 cts. each, \$1.25 per doz., \$10 per 100.

FIRE KING. Long, graceful spikes showing half a dozen immense blooms open at the same time. Intense fire-scarlet, more brilliant than Brenchleyensis, Cardinal, Mrs. Francis King or any other variety; is perfectly grand; will become the leading cut-flower variety of its color. 40 cts. each, \$3.50 per doz., \$25 per 100.

FLORENCE. Very large flower; bright lilac, large white center; splendid. 60 cts. each, \$5.50 per doz., \$40 per 100.

GENERAL DE NANSOUTY. Rich bluish purple, marked with vivid crimson and lemon-yellow. 20 cts. each, \$2 per doz., \$15 per 100.

GEORGE PAUL. Large flowers; deep crimson, slightly stained yellow, spotted with purple. 10 cts. each, \$1 per doz., \$8 per 100.

GIL BLAS. Early-flowering; dwarf habit; flowers salmon-rose, with red blotch on straw-colored ground. 10 cts. each, \$1 per doz., \$8 per 100.

IMPERIAL PINK. A tall, rank grower with a spike 2 to 3 feet in length; and a flower of the very largest size; light salmon-pink, penciled with a deeper shade. In both flower and spike this is one of the very largest and finest varieties in cultivation. 60 cts. each, \$6 per doz.

JANE DIEULAFOY. Flowers creamy white, lower petals stained maroon. 20 cts. each, \$1.75 per doz., \$12 per 100.

KONIGIN WILHELMINA. Extra-large flower; soft pink, with delicate red flakes. 60c. ea., \$5 per doz., \$35 per 100.

LA LUNA. Pale yellow, changing to nearly white when expanded; splendid. 60 cts. each, \$6 per doz.

MEADOWVALE. A very fine white, tinged in the throat with crimson, and lower petals slightly marked with faint pink. 15 cts. each, \$1.50 per doz., \$12 per 100.

MRS. FRANCIS KING. Color of flower is a light scarlet of a pleasing shade which attracts attention at once. 5 cts. each, 50 cts. per doz., \$3 per 100.

NEGERFURST. Very dark blood-black, with velvety black spots, inflamed with white and flaked lilac-rose. A very odd, beautiful color; long, graceful spike. Best of the dark varieties. 60 cts. each, \$6 per doz., \$40 per 100.

NEZINSCOTT. Bright blood-scarlet, with deep, velvety crimson-black blotches and white mottlings in throat. 10 cts. each, \$1 per doz., \$7.50 per 100.

PHILADELPHIA. Dark pink, ends of petals slightly suffused with white. 15 cts. each, \$1.50 per doz., \$12 per 100.

PRINCE OF INDIA. Color varies from light to deep, smoky gray, many of the petals being zoned and banded, and freely penciled with dark slaty blue mottled with white. A most remarkable mixture of colors and a flower of great oddity and beauty. 60 cts. each, \$5.50 per doz., \$40 per 100.

PRINCEPS. One of the finest Gladioli in cultivation. Color rich crimson, with broad, white blotches across the lower petals. Flowers can be grown to nearly 8 inches in diameter under stimulating culture. 10c. ea., 75c. per doz., \$5 per 100.

ROSY SPRAY. White, beautifully sprayed rose; large and fine; one of the very best. 15 cts. each, \$1.25 per doz., \$8 per 100.

SAFRANO. Slightly fringed flowers of a delicate nankeen-yellow; center and stripes currant-red. 60c. each, \$6 per doz.

SANS PAREIL. Perfect spike; very large flowers, from 4 to 5 inches, of a very bright orange-rose, slightly striped with vermillion, large white blotch. \$1.50 each, \$15 per doz.

SCRIBE. Tinted white, freely striped carmine. 15 cts. each, \$1.25 per doz., \$8 per 100.

SILVER SHEEN. A fine white variety the petals of which have the appearance of being overlaid with a coat of glistening silver. Very fine and effective. 75c. ea., \$6 per doz.

SPOT. White, freely spotted and mottled rose. 15 cts. each, \$1.25 per doz., \$7.50 per 100.

TACONIC. Bright pink, flecked and striped with shades of same color, markings of lower petals deep crimson, running into pale lemon-yellow. 10c. ea., 75c. per doz., \$6 per 100.

VICTORY. Color delicate sulphur-yellow, lower petals shaded a deeper yellow. 10 cts. each, 75 cts. per doz., \$6 per 100.

WILD ROSE. Has the beautiful "wild rose" tinge. Very bright rose or blush-tint, exceedingly delicate and pretty. 15 cts. each, \$1.25 per doz., \$10 per 100.



Gladiolus, America

Boddington's Quality Gloxinias



House of Gloxinias grown from Boddington's Quality Gloxinia Bulbs

GLOXINIA ERECTA GRANDIFLORA

Gloxinias make excellent house plants and succeed well in a sunny window in the spring months. They may be started in February in a shallow box about 2 inches deep, the bottom of which has been covered with about one inch of Sphagnum Moss which can be readily obtained from your local florist. Spread the bulbs out on the moss about $\frac{1}{2}$ inch apart and cover them with more moss to the depth of about $\frac{1}{2}$ inch. Keep the bulbs in a temperature of about 68 degrees. In about two weeks both tops and roots will have made a start. The bulbs should then be potted into 4-inch pots in ordinarily good garden soil, and will flower profusely during May and June. Be careful to keep water off the foliage and shade the plants from direct sunlight as the season advances.

	Each	Doz.	100
Blanche de Vera. White, rose-bordered.....	\$0 15	\$1 75	\$12 00
Defiance. Glittering crimson.....	15	1 75	12 00
Emperor William. Blue, white border.....	15	1 75	12 00
Etoile de Feu. Carmine-red.....	15	1 75	12 00
Kaiser Frederick. Scarlet, white margin....	15	1 75	12 00
King of the Reds. Dark scarlet.....	15	1 75	12 00
Madame Helene. White, with violet crown..	15	1 75	12 00
Marquis de Peralta. White, red-bordered...	15	1 75	12 00

	Each	Doz.	100
Mont Blanc. Snow-white.....	\$0 15	\$1 75	\$12 00
Prince Albert. Deep purple.....	15	1 75	12 00
Princess Elizabeth. White, bordered blue...	15	1 75	12 00
Princess Mathilde. White, with rose crown.	15	1 75	12 00
Queen Wilhelmina. Dark rose.....	15	1 75	12 00
Boddington's Spotted Varieties. These contain the most distinct and remarkable colors.	15	1 75	12 00
All Colors Mixed	15	1 75	12 00

The above collection of 14 varieties for \$2

HYACINTHUS candicans. A giant specimen of Hyacinth blooming in August, producing a magnificent spike of thimble-like, pure white flowers 2 to 3 feet high. 10 cts. each, 75 cts. per doz., \$5 per 100.

INCARVILLEA Delavayi (Hardy Gloxinia). This comparatively new perennial from northern China has been found hardy in the United States. We recommend, however, a liberal mulching where left out during winter. Blossoms appear like clusters of pink Gloxinias. It is extremely decorative and quite easily grown. Strong roots, 15c. each, \$1.50 per doz., \$10 per 100.

ISMENE Calathina grandiflora. A grand summer-flowering bulb. The flowers are of very large size, like an amaryllis, snowy white, and are all exceedingly fragrant. 15 cts. each, \$1.25 per doz., \$10 per 100.

EREMURUS. Majestic, tuberous-rooted plants, with flower-spikes 6 to 10 feet high, forming a magnificent column of bloom during June and July. Give a sunny position, sheltered from gales; plant the tubers about 8 inches deep. Although hardy, it will be safer in northern states to protect with 4 to 6 inches of leaves, straw, manure or similar covering to prevent the young growth, which starts very early, from being nipped by late frosts.

Bungei. Beautiful golden yellow. One of the rarest	Each	Doz.
and most lovely of the Eremurus.....	\$1 25	\$12 00
Elwesianus. Soft pink, with bands of deeper color down the middle of segments.....	1 00	10 00
Himalaicus. Peach-pink.....	60	6 00
Robustus. Charming rose-pink.....	60	6 00
Collection of one each of the above for \$3; 3 collections for \$8		

GERMAN IRIS

(*Iris Germanica*)

The true "Fleur-de-Lis," the national flower of France and one of the most desirable early spring-flowering plants. They are perfectly hardy, grow luxuriantly and bloom in June in any ordinary garden soil.

Admiral Togo. White, faintly tinged lavender, falls and standards lightly bordered purple. Of the habit of Madame Chereau.

Canary-Bird. Standards canary-yellow, falls crimson-purple; very distinct.

Cordelia. Standards rosy lilac, falls dark velvety crimson, edged rose.

Flavescens. Self-colored canary-yellow.

Hokanum. Standards yellow, blotched with brown, falls rich purple, flecked with white, base tinted yellow.

Madame Chereau. Pure white, edged with azure-blue, falls deep white, with blue penciling.

Mrs. H. Darwin. Very fine, large white.

Pauline. Standards bright blue, falls a little darker.

Pearl. Very light lavender, falls deep lavender.

Penelope. Standards are very nearly white, falls veined a lively purple.

Queen of the Gypsies. Dusky light bronze, falls purple-red.

Queen Victoria. Standards yellow, sometimes tinged brown, falls crimson, striped yellow, yellow edge.

Victory. Standards brown, falls deep violet, striped and bordered yellow at the base.

10 cts. each, \$1 per doz., \$7.50 per 100

Iris pallida Dalmatica

This is the grandest variety of all the German Iris. Color deep, clear lavender; very large; flowers sweet-scented. This Iris should be planted largely where cut-flowers are in demand, as it is certainly the best of its class. 25 cts. each, \$2 per doz., \$15 per 100.



German Iris

JAPANESE IRIS (*Iris Kaempferi*)

The most showy and gorgeous of the Iris family. The stately flowers are often 10 inches in diameter, and are produced freely in July. They require rich, moist soil. The six-petaled varieties are larger, but the three-petaled are equally attractive, perhaps more so from an artistic point of view. **Order by name or number.**

- 2 **Tora-odori.** White, faintly traced with violet.
- 4 **Yomi-no-umi.** A fine, free-flowering early creamy white. Six petals.
- 5 **Koki-no-iro.** Light violet-purple with white veins. Six petals.
- 6 **Date-dogu.** Bright violet-purple.
- 11 **Hano-no-nishiki.** Bright violet, white veinings.
- 12 **Shippo.** Light lilac, densely veined with purple.
- 13 **Yedo-jiman.** Rich royal purple. Six petals.
- 15 **Gekka-no-nami.** Very early; pure white.
- 20 **Kumo-funjin.** White, with a broad border of magenta-lilac. Six petals.
- 31 **Rinho.** Rich, lively purple, with white veinings. Six petals.
- 40 **Kanarinishiki.** Grayish white, marbled violet. Six petals.
- 43 **Shi-un-ryo.** Grayish white, deeply and densely veined and suffused with violet.
- 44 **Yoshimo.** Creamy white, delicately veined with violet. Six petals.
- 55 **Schuchiukwa.** Crimson-purple, with large white veins and center.
- 62 **Misutmoshito.** Violet-purple, marbled with white.
- 71 **Geishoi.** Bright crimson-purple, with white veins and halo. Six petals.
- 72 **Uji-no-hotaru.** Bright violet-purple shaded with blue. Six petals.
- 77 **Yayaura.** White, marbled with light violet.
- 91 **Kan-ran.** White, suffused with rich violet-purple. Six petals.
- 96 **Tebotan.** White ground, with violet-blue veinings.
- 100 **Yomo-zakuru.** Light ground-color, densely veined and suffused reddish purple.
- 105 **Nagano.** Rich violet-purple shaded with blue. Six petals.
- 107 **Tokyo.** The finest pure white. Six petals.
- 110 **Nitari.** White, overlaid with rosy purple.

Any of the above, 25 cts. each, \$2.50 per doz., \$15 per 100.
Set of 24 sorts, \$5. The above varieties mixed, \$1.50 per doz., \$10 per 100.



Japanese Iris (Kaempferi) Type

JAPANESE LILIES

For Outdoor Planting, or Growing in Pots for Summer Flowering

There is no more valuable garden material than the hardy Japanese, European and native Lilies. They grow and succeed well in shaded and partially shaded situations where it is difficult to get most flowering plants to thrive.

By making a judicious selection of varieties, a succession of Lily flowers may be had from June to October in even a limited space. For cultural directions see page 104.

Orders for Seeds and Bulbs amounting to \$1 or more accompanied by cash are delivered free.

Lilium auratum

Golden-Rayed Lily of Japan

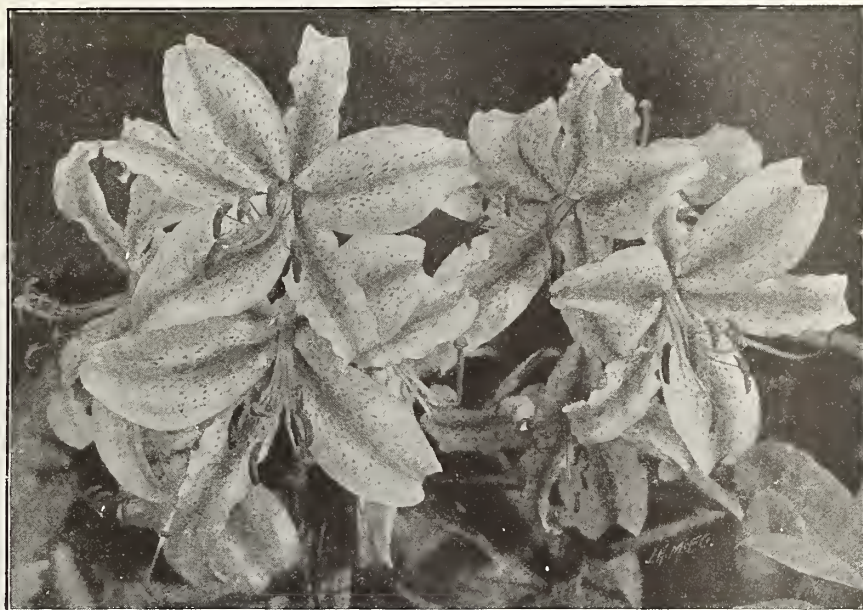
Monstrous white flowers, thickly studded with crimson spots, each petal marked with a wide gold band.

	Each	Doz.	100
8- to 9-inch bulbs.	\$0 10	\$1 00	\$8 00
9- to 11-inch bulbs.	15	1 50	12 00
11- to 13-inch bulbs.	25	2 50	20 00
Monsters.	40	4 00	30 00

RARE LILIUM AURATUMS

LILIUM AURATUM PICTUM. A very choice type of *Lilium auratum*; pure white, with red and yellow bands through each petal. Each Doz. 100

\$0 20 \$2 00 \$15 00



Lilium auratum

LILIUM AURATUM PLATYPHYLLUM. A very strong and vigorous type of *L. auratum*. Flowers of immense size, pure ivory-white, with a deep golden band through each petal. Each Doz. 100

\$0 25 \$2 50 \$20 00

LILIUM AURATUM RUBRUM VITTATUM. A unique variety; flowers 10 to 12 inches across, ivory-white, with broad crimson stripe through center of each petal. 60 6 00 45 00

LILIUM AURATUM VIRGINALE ALBUM. The White Lily of Japan. Exquisitely pure white flowers, very large, with sulphur-yellow band through each petal. 35 3 50 25 00

LILIUM AURATUM WITTEL. A Lily of magnificent proportions; immense flowers; very tall and free-blooming; color creamy white, with gold band. 60 6 00 45 00

LILIUM SPECIOSUM

LILIUM SPECIOSUM ALBUM. Pure white; a grand variety.

	Each	Doz.	100
8- to 9-inch bulbs.	\$0 15	\$1 00	\$8 00
9- to 11-inch bulbs.	25	2 50	20 00
11-inch and over.	30	3 00	22 50

LILIUM SPECIOSUM MELPOMENE MAGNIFICUM. Very rich crimson; excellent for cut-flowers.

	Each	Doz.	100
8- to 9-inch bulbs.	\$0 10	\$1 00	\$8 00
9- to 11-inch bulbs.	15	1 50	12 00
11- to 13-inch bulbs.	25	2 50	18 00
Monsters.	30	3 00	22 50
9- to 11-inch bulbs, Cold Storage.		3 00	20 00
11- to 13-inch bulbs, Cold Storage.		4 00	30 00

LILIUM SPECIOSUM RUBRUM. White ground, spotted rose on each petal; excellent for cut-flowers.

	Each	Doz.	100
8- to 9-inch bulbs.	\$0 10	\$1 00	\$8 00
9- to 11-inch bulbs.	15	1 50	12 00
11-inch and over.	25	2 50	18 00
Monsters.	30	3 00	22 50
9- to 11 inch bulbs, Cold Storage.		3 00	20 00
11- to 13-inch bulbs, Cold Storage.		4 00	30 00



Lilium speciosum Melpomene magnificum

Various Japanese, European and American Garden Lilies

Outdoor Culture of Lilies. A deep, moist, rich loam is necessary for Lilies. They all thrive best in soil containing an abundance of decomposing vegetable matter, and a partially shaded location is desirable, such as an open space in the shrubbery or perennial border. If manure is used in the preparation of the bed, be sure that it is well rotted and that it does not come in direct contact with the bulbs; in fact, we recommend placing an inch of sand immediately beneath each bulb to provide drainage. Due to the varying sizes of bulbs of different varieties, it is not possible to make any hard-and-fast rule as to the depth that Lily bulbs should be planted. It is a safe practice, however, to cover the bulbs twice their own depth. See Special notice on page 16, which also applies to many of the Lilies listed below.

Batemanniae. An attractive, strong-growing Lily; height about 4 feet, producing five to eight rich, apricot-colored flowers on a stem. August. 20 cts. each, \$2 per doz., \$15 per 100.

Candidum (Annunciation Lily). Pure white; should be planted in the fall. 15 cts. each, \$1.50 per doz., \$12 per 100.

Canadense flavum. Our dainty, beautiful native Lily. Graceful and charming yellow. July. 20 cts. each, \$2 per doz., \$15 per 100.

Canadense rubrum. Red flowers. July. 20 cts. each, \$2 per doz., \$15 per 100.

Canadense, Mixed. July. 15 cts. each, \$1.50 per doz., \$10 per 100.

Colchicum (Monadelphum, or *L. Scovitzianum*). Bears twelve to twenty bright golden yellow reflexed flowers. This is a grand Lily, and considered the equal of *L. auratum*. July. 3 to 5 ft. 25 cts. each, \$2.50 per doz., \$20 per 100.

Concolor (Sinicum). Bright scarlet, with dark red spots. A dwarf and lovely miniature Lily. Increases rapidly. July. 1 to 1½ ft. 10 cts. each, \$1 per doz., \$8 per 100.

Croceum. A beautiful orange Lily; grand and easily flowered. June, July. 3 to 5 ft. 20 cts. each, \$2 per doz., \$15 per 100.

Elegans, Alice Wilson. One of the most beautiful and distinct Lilies; the flowers, of a bright lemon-yellow, are very large, borne erect and in clusters; very hardy; succeeds almost anywhere; height, 1½ ft. June. 60 cts. each, \$6 per doz., \$45 per 100.

Elegans, Incomparable. The richest red known in Lilies; a deep ox-blood-crimson, slightly spotted with black; very free and easily grown.....	Each	Doz.	100
	\$0 15	\$1 50	\$12 00
Elegans bicolor. Bright red, flushed orange..	15	1 50	12 00
Elegans, Painted Chief. Bright flame-color.	20	2 00	15 00
Elegans robusta. Orange, spotted black...	15	1 25	10 00
Elegans, Aurora. Orange, suffused scarlet...	25	2 50	15 00
Elegans, Mixed	10	1 00	8 00

All the Elegans Lilies are dwarf and early June-flowering. (See illustration.)

Excelsum (better known as <i>L. testaceum</i>). A stately Lily, free flowering, bearing six to twelve flowers of beautiful nankeen-yellow. One of the grandest Lilies in cultivation. June, July. 4 to 5 ft.	60	6 00	45 00
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Gigantum. The noble Himalayan Lily. When established grows to 14 ft., bearing numerous long, tubular flowers of white, streaked inside with purple; very handsome foliage. We have secured an excellent lot of bulbs that will flower the first year. July, August.	1 00	10 00	
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Hansonii. A beautiful Lily, flowering in June. Flowers rich golden yellow; one of the prettiest Lilies in cultivation. June and July.	60	6 00	45 00
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Henryi. Same form and appearance as the Speciosums, but are bright orange-yellow. (For full description and illustration, see page 110).			
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MAMMOTH BULBS	1 00	10 00	80 00
FIRST SIZE	75	7 50	60 00



Lilium elegans (type)

Easily grown; comes in a number of varieties from red to yellow; perfectly hardy

Humboldtii. Of a splendid reddish orange color, segments copiously purple-veined. July. 25 cts. each, \$2.50 per doz., \$20 per 100.

Japonicum Brownii. Large, trumpet-shaped flowers, 10 inches long; inside pure white, with delicately colored anthers, outside brownish purple, tips of petals slightly recurved. June and July. 65c. each, \$6.50 per doz., \$50 per 100.

Krameri. Distinct from all other Lilies. Large bulbs. Flowers of a soft, beautiful rose-color. July. 15 cts. each, \$1.50 per doz., \$12 per 100.

Longiflorum. Hardy white Easter Lily. 15 cts. each, \$1.25 per doz., \$10 per 100.

Martagon album (The White Martagon). A beautiful, chaste Lily, carrying twenty to thirty waxy flowers upon stems 4 to 5 ft. long. 75 cts. each, \$7.50 per doz.

Martagon (Turk's Cap). Purple. July. 15 cts. each, \$1.50 per doz., \$12 per 100.

Philadelphicum. A very pretty Lily, bearing two to five flowers, cup-shaped; base of petal yellow, maroon-spotted, tips of petals bright scarlet. July. 1½ ft. 20 cts. each, \$2 per doz., \$15 per 100.

Rubellum. This is a beautiful new Lily, similar to Krameri. July. 15 cts. each, \$1.50 per doz., \$12 per 100.

Superbum. In a collection of best plants of all countries, our native Superbum Lily would deserve a first place. In deep, rich soil it often grows 8 feet high, with twenty to thirty flowers. It is of the easiest culture, and may be grown as a wild flower in any swampy or rough part of a place where the grass is not mown. July and August. 15 cts. each, \$1.50 per doz., \$12 per 100.

Tenuifolium. A beautiful, graceful Lily, with crimson, reflexed flowers. Blooms in June....	Each	Doz.	100
	\$0 15	\$1 25	\$10 00

Thunbergianum (elegans) atrosanguineum. Dark red. The Thunbergianums are of easiest culture, and bloom in June.	20	2 00	15 00
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Tigrinum flore pleno. The Double Tiger Lily. August and September	12	1 25	9 00
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Tigrinum splendens. Improved Single Tiger Lily. August and September	10	1 00	8 00
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Umbellatum (Dahuricum). The colors range through all shades of red from rose to blackish crimson, yellow, buff, apricot, orange, etc., many being beautifully spotted. Mixed colors. June and July.	10	1 00	8 00
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Wallacei. Lovely vermilion-orange. June and July.	15	1 25	10 00
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Lilium myriophyllum. The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. \$1.25 each, \$12 per doz., \$90 per 100.

L. Sargentiae. This is one of the strongest-growing Lilies, frequently attaining a height of 6 to 8 feet. The flowers vary in number from five to ten on a stalk, and in size and shape resemble *Lilium Harrisii*, being greenish white, shaded purple on the outside and of the purest white within, with a tint of citron in the center. \$1.50 each, \$15 per doz.

LILY-OF-THE-VALLEY CLUMPS. Large clumps of Lily-of-the-Valley for outside planting and naturalizing. These clumps will throw from 15 to 20 spikes of flowers. 25 cts. each, \$2.50 per doz., \$20 per 100.

DIELYTRA spectabilis (Bleeding Heart). One of the most ornamental of hardy spring-flowering plants, with elegant green foliage and long, drooping racemes of heart-shaped flowers. This is deemed one of the finest of all hardy garden plants. Magnificent racemes of pink-and-white flowers. 10 cts. each, \$1 per doz., \$7.50 per 100.

APIOS tuberosa (Tuberous-rooted Wistaria). Clusters of rich, deep purple flowers, which have a strong, delicious violet fragrance. Tubers, 10 cts. each, 75 cts. per doz., \$5 per 100.

MONTBRETIAS

The Giant Montbretia, Star of the East. Orange-yellow with lemon-yellow eye; of enormous size and substance, reaching 5 inches in diameter; of splendid constitution and boldly erect habit. We cannot speak too highly of this plant, which is undoubtedly the finest of Mr. Davison's hybrids. \$2.50 each, \$25 per doz.

The Giant Montbretia, George Davison. The stems are 3 feet high, eight- to ten-branched, bearing lovely pale orange-yellow flowers 3 inches across, widely expanded and tinted deeper orange externally. It is among the first to flower. 5 cts. each, 50 cts. per doz., \$3.50 per 100.

The Giant Montbretia, Germania. Grows from 3 to 4 feet high, producing graceful, free-branching flower-spikes, bearing very large, widely expanded flowers 2 to 3 inches across. The color is a rich, glowing orange-scarlet, with red throat. 5 cts. each, 40 cts. per doz., \$2.75 per 100, \$25 per 1,000.

The Giant Montbretia, Messidor. A very distinct new seedling, tall growth, spikes much branched; color maple-yellow, passing to pale yellow, this is the nearest approach to a white variety at present. 10 cts. each, \$1 per doz., \$7.50 per 100.

The Giant Montbretia, Martagon. Deep orange, with brownish center; reflexed petals; very beautiful. 5 cts. each, 50 cts., per doz., \$4 per 100.

Crocsmæflora. Orange-scarlet. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

Etoile de Feu. Rich scarlet, yellow center. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

Rayon d'Or. Deep yellow; very large. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

Pottsii. Bright yellow, flushed with red. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

Soleil Couchant. A handsome variety. 30 cts. per doz., \$2.25 per 100, \$20 per 1,000.

OXALIS (Summer-flowering) Dieppi. Pure white; very fine.

Lasandria. Fine rosy pink; beautiful cut foliage.

Shamrock. Lovely clover-like foliage and pink blossoms.

Mixed Colors. Several colors.

25 cts. per doz., \$2 per 100

MADEIRA VINE. A most popular climber. Strong roots, 5 cts. each, 50 cts. per doz., \$3.50 per 100.

MILLA biflora (Mexican Star of Bethlehem). One of the loveliest and most desirable bulbs. The flowers are nearly 2½ inches in diameter, of a pure waxy white color and usually borne in pairs; the petals are of great substance and will keep for days when cut. 10 cts. each, 75 cts. per doz., \$5 per 100.

SPIRAEA Aruncus. A popular herbaceous variety, producing splendid spikes of flowers 3 to 5 feet in height. Flowers are creamy white, and are borne in feathery panicles. 15 cts. each, \$1.50 per doz., \$10 per 100.

Palmeta rosea. The beautiful, deep pink, hardy herbaceous Spirea. An excellent companion for the white variety. 15 cts. each, \$1.50 per doz., \$10 per 100.

TRITOMA Pfitzeri (The Everblooming Flame Flower). The freest-flowering variety in cultivation, in bloom from August to November, with spikes from 3 to 4 feet high and heads of bloom over 12 inches long, of a rich orange-scarlet, producing a grand effect, either planted singly in the border or in masses. 15 cts. each, \$1.50 per doz., \$10 per 100.

We do not pay transportation charges on heavy roots such as Spirea and Lily-of-the-Valley Clumps, Potatoes, Garden Tools, Fertilizers and Insecticides.



Lily-of-the-Valley

TIGRIDIAS (Tiger or Shell Flower)

These gorgeous summer-flowering bulbs grow about 1½ feet high and flower freely throughout the summer. They require the same treatment as gladioli and should be lifted in the autumn and dried off in the same way.

Canariensis. Bright yellow.

Conchiflora. Yellow-spotted.

Speciosa. Deep red, spotted purple.

Lilacea. Brilliant violet-crimson.

Grandiflora alba. White, crimson spots.

10c. each, 75c. per doz., \$5 per 100

Boddington's New Hybrids. Giant flowers of red, white, yellow, orange, rose, crimson and gold, with shades and combinations of color never shown before by Tigridias. 10 cts. each, 75 cts. per doz., \$5 per 100.

TRILLIUM grandiflorum (American Wood Lily). A most beautiful American plant. Perfectly hardy, growing and flowering profusely in partially shaded nooks about the lawn, under trees, etc. The flowers are large, of the finest white, changing in a few days to soft rose. 10 cts. each, 75 cts. per doz., \$6 per 100.

Erectum. This is the Purple Wood Lily, the earliest to flower. 10 cts. each, 75 cts. per doz., \$6 per 100.

TUBEROSES. Double Excelsior Pearl. Selected bulbs, 4- to 6-inch, 5 cts. each, 50 cts. per doz., \$2.50 per 100. Extra-selected bulbs, 6- to 8-inch, 10 cts. each, 75 cts. per doz., \$5 per 100.

Armstrong's. The single, everblooming Tuberose, 10 cts. each, 75 cts. per doz., \$5 per 100.

BODDINGTON'S QUALITY ROSES



ENGLISH HARDY HYBRID PERPETUAL ROSES

LARGE TWO-YEAR-OLD BUSHES

CULTURE.—Roses require ordinarily good garden soil well enriched with well-rotted manure. They must have an open sunny position clear of the roots of all trees and shrubs. Prepare the beds a few days before planting to allow for settling. Everblooming Roses should be planted 18 inches apart and the Hybrid Perpetuals 2 feet apart.

Roses should be planted with the roots diverging and at least 9 inches below the surface of the ground, the soil made firm about them and liberally watered.

For best results Everblooming Roses should be severely pruned; the stronger shoots should be cut back to about 12 inches in height, and the Hybrid Perpetuals to about 18 inches, while all weak, thin wood should be removed entirely.

ALFRED COLOMB. Carmine-crimson; a grand Rose.

ANNE DE DIESBACH. Bright carmine.

BALL OF SNOW (Boule de Neige). Large, pure white, globular.

BARONESS ROTHSCHILD. An exquisite shade of satin-pink.

CAPTAIN HAYWARD. Scarlet-crimson; perfect form.

CAPT. CHRISTY. Delicate flesh-color, deepening toward center.

CLIO. Satin blush; very fine new sort.

FRAU KARL DRUSCHKI. Snow-white. Makes splendid buds and immense flowers, 4 to 5 inches across, perfectly double and delightfully fragrant.

GEN. JACQUEMINOT. Brilliant crimson; the popular Rose.

HUGH DICKSON. Brilliant crimson, shaded scarlet; good size, fine form; free-flowering; Gold Medal, N. R. S.

JOHN HOPPER. Bright rose, with carmine center.

LA FRANCE. Peach-blossom-pink; blooms all summer.

MABEL MORRISON. Pure white, large, massive and perfect.

40 cts. each, \$1.75 per bundle of 5 (one variety only), \$30 per 100, \$250 per 1,000

George Arends. The Pink Frau Karl Druschki. This variety created quite a sensation wherever exhibited in Europe. This magnificent Rose is the exact duplicate, in form, size, and substance, of the famous Frau Karl Druschki (considered the finest white Rose in existence), except in color, which is a delicate rose; extremely large and full flower; sweet-scented; very free-blooming. 60 cts. each; bundle of 5, \$2.75; \$50 per 100.

MARGARET DICKSON. White, with pale flesh center.

MARSHALL P. WILDER. Cherry-rose and carmine.

MAGNA CHARTA. Dark pink; one of the easiest Roses to grow.

MME. GABRIEL LUIZET. Light, satiny pink; attractive sort.

MRS. JOHN LAING. Rich, satiny pink; delicious fragrance.

MRS. SHARMAN-CRAWFORD. One of the finest Roses grown.

Deep, rosy pink, the outer petals shaded with pale flesh-color, white at base of petals.

PAUL NEYRON. Flowers 5 inches across; lovely dark pink.

PERSIAN YELLOW. Hardy yellow Rose; best of its color.

PRINCE CAMILLE DE ROHAN. Dark crimson-maroon.

SOLEIL D'OR (Golden Sun). Like Persian Yellow, this variety is perfectly hardy, with large, full, globular flowers, varying in color from gold and orange to reddish gold, shaded with nasturtium-red. Do not prune this variety; cut out dead wood only.

ULRICH BRUNNER. Cherry-red; grand Rose; free-blooming.

The Best Hardy Everblooming Roses

Aaron Ward, Mrs. Indian yellow, occasionally washed salmon-rose; very large, full, elongated flowers; vigorous, branching growth, very free and excellent. 50 cts. each; bundle of five, \$2; \$35 per 100.

American Beauty. We do not recommend this Rose for outdoor culture north of Washington, D. C. In the latitude of New York it requires greenhouse culture. 25 cts. each; bundle of five, \$1.25; \$20 per 100.

Betty. After it becomes established it produces blooms of marvelous beauty. The plant is a strong, vigorous grower, with clean, healthy foliage, producing in great profusion its large, deliciously scented flowers, which are of a glowing coppery rose-color, suffused with a golden sheen. 50 cts. each; bundle of five, \$2; \$35 per 100.

Countess of Gosford. A very beautiful variety, somewhat resembling Killarney. Delicate pink; fine flower and bud; a splendid acquisition, 50 cts. each; bundle of five, \$2; \$35 per 100.

Caroline Testout. Bright satin-rose, with brighter center; large, full and globular; sweet-scented. 35 cts. each; bundle of five, \$1.50; \$25 per 100.

Dean Hole. Large, full flowers; perfectly formed; large petals, silvery carmine shaded salmon; very distinct and free-flowering and a beautiful Rose for all purposes. Awarded Gold Medal, N. R. S. 40 cts. each; bundle of five, \$1.75; \$30 per 100.

Etoile de France. Fine, long bud. Flower very large. Superb crimson-red velvet, the center of the bloom vivid cerise-red. 35 cts. each; bundle of five, \$1.50; \$25 per 100.

Gruss an Teplitz. No Rose in commerce can compare with Gruss an Teplitz as a bedder. It is a perfect sheet of richest crimson-scarlet all summer. A strong, vigorous grower. Hardy. 25 cts. each; bundle of five, \$1.25; \$20 per 100.

Jonkheer J. L. Mock. Large size and perfect form, of a deep imperial pink, the outside of the petals silvery rose-white and highly perfumed. 50 cts. each; bundle of five, \$2; \$35 per 100.

Juliet. Outside of petals old-gold, interior rich rosy red, changing to deep rose as the flowers expand. Requires very little pruning; simply remove dead and useless wood. Deliciously fragrant. 50 cts. each; bundle of five, \$2.25; \$40 per 100.

Kaiserin Augusta Victoria. An almost pure white primrose. Fine for indoor or outdoor summer blooming. 40 cts. each; bundle of five, \$1.75; \$30 per 100.

Killarney. The buds are long, of beautiful soft pink; the keeping qualities of the flowers are exceptional; even when fully expanded, the petals do not drop, but remain intact for a week. 35 cts. each; bundle of five, \$1.50; \$25 per 100.

White Killarney. The color is pure white. White Killarney, like its prototype, is unusually hardy, and without protection has stood severe winters as far north as Boston. 40 cts. each; bundle of five, \$1.75; \$30 per 100.

Lady Hillingdon. One of the most popular yellow Roses yet introduced. The color is true, clear yellow with orange shadings in the center. An excellent outdoor as well as indoor variety. 50 cts. each; bundle of five, \$2.25; \$40 per 100.

Lyon. Large and full; coral-red or salmon-pink, shaded with chrome-yellow in the center, toning to a shrimp-pink at the tips. 50 cts. each; bundle of five, \$2.25; \$40 per 100.

Madame Abel Chatenay. Carmine-rose, shaded salmon-pink. 50 cts. each; bundle of five, \$2; \$35 per 100.

Mme. Edouard Herriot (The Daily Mail Rose). Winner of the Gold Cup, which was offered by the London Daily Mail, for the Best New Rose. A strong, vigorous grower, coral-red, shaded with yellow at the base. The bud is long, slender and pointed, the color is like sunshine on a copper-red metal. 75 cts. each; bundle of five, \$3.50; \$60 per 100.

Maman Cochet, Pink. A heavy and constant bloomer; clear, rich pink, changing to silvery rose; double and fragrant. Buds long, firm, full and pointed; when open, are equally attractive. 40 cts. each; bundle of five, \$1.75; \$30 per 100.

Maman Cochet, White. A beautiful snow-white, at times tinted with the faintest suggestion of blush, the same as is often found in "The Bride." 40 cts. each; bundle of five, \$1.75; \$30 per 100.



Type of Everblooming Roses

Mme. Ravary. Buds golden yellow, open flowers nankeen-yellow; a distinct and valuable garden variety. 50 cts. each; bundle of five, \$2; \$35 per 100.

Molly Sharman-Crawford. Large, full flower; color creamy white which, as the flower expands, becomes dazzling white. Strong, 2-year-old plants, 50 cts. each; bundle of five, \$2.25; \$40 per 100.

Mildred Grant. Cream, blushed pale rose. 50 cts. each; bundle of five, \$2; \$35 per 100.

Prince of Bulgaria. Large and quite full; outer petals superb rosy flesh, with the reflex petals of a slightly lighter tint. 50 cts. each; bundle of five, \$2; \$35 per 100.

Rayon d'Or. Cadmium-yellow, toning to sunflower-yellow when fully expanded. Absolutely immune from the attacks of mildew. Flowers large and full. Do not prune this variety, simply remove dead and useless wood. 50 cts. each; bundle of five, \$2.25; \$40 per 100.

Richmond. Wonderfully free-blooming, its immense, fragrant, scarlet-crimson flowers are borne on long, stiff stems, making it a rival of American Beauty, and even more dazzling in appearance. 50 cts. each; bundle of five, \$2; \$35 per 100.

Viscountess Folkstone. A large, full flower of creamy pink, shading to deep salmon-pink at the center; very floriferous. 50 cts. each, bundle of five, \$2; \$35 per 100.



Dorothy Perkins Rambler Roses

HARDY CLIMBING AND RAMBLER ROSES

ALL OUR CLIMBING AND RAMBLER ROSES ARE STRONG TWO-YEAR-OLD FIELD-GROWN PLANTS

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood. In July it is beneficial to cut away all old flowering wood. This will encourage a vigorous growth, and an abundance of flowers the following season.

AMERICAN PILLAR. A new single-flowering variety of great beauty. The flowers are 3 to 4 inches across, of a lovely shade of pink. These flowers are borne in immense clusters. They last in perfection a long time, and are followed by brilliant red hips or berries, which are carried late into the winter; and as the plant frequently retains its lovely green foliage until the end of November, it forms a beautiful decorative subject throughout the autumn months. Strong two-year-old plants, 50 cts. each, bundle of 5 for \$2.25, \$40 per 100.

AVIATEUR BLERIOT. We have discarded the old yellow Rambler in favor of this new variety, in which we have a strong-growing plant with beautiful, glossy, insect- and disease-proof foliage, and bearing large clusters of medium-sized full-double flowers of a saffron-yellow, deepening to an almost golden yellow at the center. Strong two-year-old plants, 75 cts. each, \$7.50 per doz.

CLIMBING AMERICAN BEAUTY. The new climbing form of this famous crimson Rose is as lovely and fragrant and deeply colored as the bush form. The hardy climber blood with which it is crossed gives healthy, perfect foliage and a strong climbing habit of growth. 75 cts. each, \$7.50 per doz.

CRIMSON RAMBLER. (American-grown.) Strong, 2-year-old plants grown on their own roots, at the following prices: 4 to 5 feet long, 50 cts. each, \$4.50 for 10, \$40 per 100; 4 feet long, 25 cts. each, \$1.25 for 5, \$20 per 100.

BABY DOROTHY. A lovely shell-pink. Baby Dorothy, when planted out, flowers perpetually from spring until autumn. Strong, field-grown plants, 30 cts. each, bundle of five \$1.25, \$20 per 100.

CATHERINE ZEIMET. A white Baby Rambler Rose, larger and better flowers than the type. An important fact is that it has the true Rose perfume in a high degree. 30 cts. each, bundle of five \$1.25, \$20 per 100.

ERNA TESCHENDORFF. Color brilliant dark carmine-red. 35 cts. each, bundle of five \$1.35, \$25 per 100.

DOROTHY PERKINS. Color a lovely shell-pink, holding a long time without fading. 25 cts. each, \$1.25 for 5, \$20 per 100.

WHITE DOROTHY PERKINS. A white-flowered form of Dorothy Perkins, especially valuable because of the rarity of good white Climbing Roses. 35 cts. each, \$1.50 for 5, \$25 per 100.

HIAWATHA. The flowers are single, and are of a deep, intense crimson shade with the petals shading to a pure white base. Flowers very freely. Extra-strong, 2-year, field-grown flowering plants, 50 cts. each; bundle of five, \$2; \$35 per 100.

LADY GAY. The flowers are of a delicate cherry-pink, which fades to a soft white. The foliage is very profuse and of a glossy deep green. The effect of the soft white flowers, the cherry-pink buds, and the deep green foliage, is indeed charming. Extra-strong, 2-year plants, 35 cts. each; bundle of five, \$1.50; \$25 per 100.

PAUL'S CARMINE PILLAR. One of the most attractive Climbing Roses. Flowers large and free; color rosy carmine. Two-year-old, field-grown, 35 cts. each, \$1.50 for 5.

TAUSENDSCHON. (Thousand Beauties.) This beautiful Climbing Rose is the result of several crosses between the well-known Crimson Rambler with Tea and Polyantha Roses. The flowers appear from beginning of June till end of July, in large, loose clusters; of a lovely soft pink color, later on the somewhat curled petals assume a carmine-rose, when in full bloom, giving the appearance of two different varieties. 35 cts. each; bundle of five, \$1.50; \$25 per 100.

EVERBLOOMING BUSH or BABY RAMBLERS

BABY DOROTHY. A lovely shell-pink. Baby Dorothy, when planted out, flowers perpetually from spring until autumn. Strong, field-grown plants, 30 cts. each, bundle of five \$1.25, \$20 per 100.

CATHERINE ZEIMET. A white Baby Rambler Rose, larger and better flowers than the type. An important fact is that it has the true Rose perfume in a high degree. 30 cts. each, bundle of five \$1.25, \$20 per 100.

ERNA TESCHENDORFF. Color brilliant dark carmine-red. 35 cts. each, bundle of five \$1.35, \$25 per 100.

MRS. WM. H. CUTBUSH. A grand acquisition to the Baby Rambler class. Color intense crimson, and exceptionally free-flowering, the flowers being borne in large trusses. 30 cts. each, bundle of five \$1.25, \$20 per 100.

MME. NORBERT LEVAVASSEUR (The Original Baby Rambler). A dwarf-growing, everblooming Crimson Rambler. This blooms when a small plant and forms clusters of flowers as large as the Crimson Rambler. Two-year-old field-grown plants, 30 cts. each, bundle of five \$1.25, \$20 per 100.

STANDARD or TREE-SHAPED ROSES

The following choice varieties can be supplied in tree-shaped form, on sturdy, hardy stems from 3½ to 4 feet high.

Baroness Rothschild. Hybrid Perpetual. Very large; satiny rose.

Caroline Testout. Hybrid Tea. Large; free; satiny rose with deeper center.

Fisher Holmes. Hybrid Perpetual. Deep crimson; full perfect form.

Frau Karl Druschki. Hybrid Perpetual. The popular favorite white.

General Jacqueminot. Hybrid Perpetual. Well known brilliant scarlet-crimson; favorite.

Gruss an Teplitz. Hybrid Tea. Brilliant scarlet; always in flower.

Kaiserin Augusta Victoria. Hybrid Tea. Soft pearly white tinted lemon; of beautiful form.

Killarney. Hybrid Tea. Sparkling brilliant pink; everybody's favorite.

Mme. Jules Grolez. Hybrid Tea. Beautiful satiny china-rose; one of the best.

Mrs. John Laing. Hybrid Perpetual. Soft pink; of beautiful form and deliciously scented.

Magna Charta. Hybrid Perpetual. Bright pink, suffused carmine; a beautiful Rose.

Mrs. Aaron Ward. Hybrid Tea. Beautiful Indian yellow.

Ulrich Brunner. Hybrid Perpetual. Bright cherry-red; one of the best.

Strong plants, \$1.50 each, \$15 per doz.



Baby Dorothy grown as a standard



Baby Dorothy, bush form

Sweetbrier

The old English Sweetbrier; very sweet-scented foliage. 25 cts. each, \$1 for 5, \$20 per 100.

RAMANAS or RUGOSA ROSES

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage and clusters of beautiful, fragrant, single flowers. They bloom nearly the whole summer, and are equally attractive during the autumn and winter when covered with their large, brilliant red seed-pods. Of healthy, vigorous growth, and equally desirable as specimens or a hedge. Require no pruning, merely cut out dead wood.

Rugosa. Rosy carmine; extra-large, single flowers.

Rugosa alba. Pure white; flowers contrast well with foliage.

Extra-strong 2-year-old plants, 30 cts. each, \$3 per doz., \$20 per 100

ROSA RUGOSA HYBRIDS

Blanc Double de Coubert. A double form of *R. rugosa alba*.

Conrad F. Meyer. Clear silvery rose; very fragrant. The bud is as well formed as La France; very good.

Madame Georges Bruant. Paper-white; large and double; produced in clusters. A valuable pure white decorative Rose.

Price of above, 50 cts. each, bundle of 5 for \$2.25, \$40 per 100

ENGLISH MOSS ROSES

Large, dormant plants, from open ground. 35 cts. each, bundle of five \$1.50, \$25 per 100.

OLD ENGLISH. Red.

BLANCHE MOREAU. White.

CRESTED MOSS. Rose-color; beautifully. crested.

GLORY OF MOSSES. Blush; very large and full.

HARDY VINES AND CLIMBERS

AMPELOPSIS

Veitchii (Boston Ivy). The most useful and popular hardy climber. Extra-strong, 2-year-old, field-grown plants, 35 cts. each, \$3.50 per doz., \$30 per 100.

Engelmanni. A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light-green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Boston Ivy. 35 cts. each, \$3.50 per doz., \$25 per 100.

Quinquefolia. (Virginia Creeper, or American Ivy.) This well-known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 25 cts. each, \$2.50 per doz., \$20 per 100.

ARISTOLOCHIA SIPHO (Dutchman's Pipe Vine)

A vigorous and rapid-growing climber, bearing singular brownish colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, 50 cts. each, \$5 per doz.

BIGNONIA (Trumpet Vine)

For covering unsightly places, stumps, rockwork, or wherever a showy flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

Grandiflora. Large flowers of orange-red. 50 cts. each, \$5 per doz.

Radicans. Dark red, orange throat; free-blooming and very hardy. 25 cts. each, \$2.50 per doz.

CLEMATIS

Many failures in the growing of Clematis are the result of too shallow planting. The crown of the roots should be set at least 3 inches below the surface of the soil.

Paniculata (Small-flowered White Clematis). Extra-strong plants, 25 cts. each, \$2.50 per doz., \$15 per 100.

Large-Flowering Clematis

Jackmani. The best known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. 50 cts. each, \$5.50 per doz.

Henryi. Pure white; large and remarkably handsome. 50 cts. each, \$5.50 per doz.

Sieboldii. Lavender-blue; large; strong, vigorous grower. 50 cts. each, \$5.50 per doz.

Ville de Lyon. Bright red, well-formed flowers; a very fine variety. 50 cts. each, \$5.50 per doz.



Clematis paniculata



Clematis Jackmani

JAPANESE KUDZU VINE

These roots are imported from Japan, and will, if planted early, grow 20 to 30 feet the first season. Very hardy and a first-class vine for general use. We offer selected, strong plants, for immediate effect, 50 cts. each, \$5.50 per doz.

HONEYSUCKLE

Halliana (Hall's Japan Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December; holds its leaves nearly all winter. Extra-selected plants, 35 cts. each, \$4 per doz.

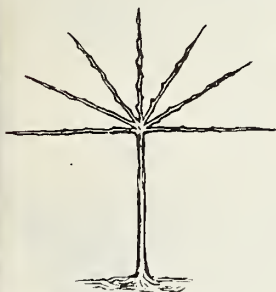
WISTARIA

Sinensis (Chinese Wistaria). A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 20 feet in a season. Flowers pale blue. Extra-strong plants, out of 6-inch pots, \$1 each, \$10 per doz.

White. Extra-strong plants, out of 6-inch pots, \$1 each, \$10 per doz.

Multijuga. A Japanese variety, bearing loose panicles frequently 3 feet long, of deep purple flowers. \$1 each, \$10 per doz.

ENGLISH TRAINED AND POT-GROWN FRUIT TREES, GRAPE-VINES, FIGS, ETC.



Standard Fan Trained



Upright Trained



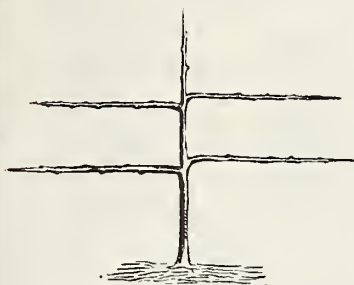
Pyramid



Dwarf Fan Trained



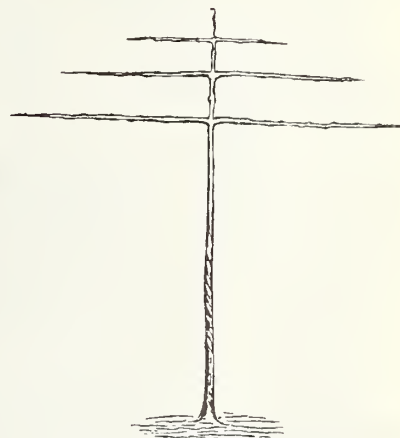
Single Horizontal Cordon



Horizontal Trained



Pot-grown Fruiting Grape-Vine



Horizontal Trained Standard

FOR WALLED GARDENS AND FOR CULTURE UNDER GLASS

We import these plants on advance orders only, from the best and most reliable growers in England. Stock can be relied upon as being absolutely true to name. Catalogue of varieties mailed free on application. To secure the best selection and insure their arrival in good condition, orders should be placed with us before February 1.

APPLES and PEARS. Horizontal and upright trained, pyramids and cordons.....\$3, \$5 and \$7.50 each
PEACHES, NECTARINES, APRICOTS, CHERRIES, PLUMS and DAMSONS. Dwarf fan trained, standard and half-standard fan trained, pyramids and bushes.....\$3, \$5 and \$7.50 each

For Orchard House

Fruiting trees in pots; varieties specially selected for pot culture and for training under glass

Peaches and Nectarines , bushes, pyramids, and half-standards	} \$3, \$5 and \$7.50 each
Apricots , bushes	
Cherries , bushes, pyramids and half-standards.....	
Plums, Pears and Apples , bushes and pyramids....	
Mulberries , bushes.....	
Figs , bushes. Negro Largo, Brown Turkey , etc....	

English Grape-Vines for Growing Under Glass

Black Hamburg, Muscat of Alexandria, Gros Coleman, Barbarossa, Madresfield Court, Muscat Hamburg, Lady Downes' Seedling, Buckland Sweetwater, Melton Constable, etc.

	Each	Doz.
Strong 2-year-old planting canes.....	\$5 00	\$50 00
Extra-strong fruiting canes.....	7 50	75 00



Garden Tools and Miscellaneous Garden Supplies



Aprons, Gardeners'. English made.

	Each
Fine shalloon, 39-in. with bib and pocket.....	\$2 25
Fine shalloon, 36-in. with bib and pocket.....	2 00
Heavy serge, 39-in. with bib and pocket.....	1 50
Heavy serge, 36-in. with bib and pocket.....	1 25

Baskets, Wire, Hanging. (Page 113, fig. 1.)

	Each	Doz.
8-inch diam.....	\$5 50	
10-inch diam.....	60	6 00
12-inch diam.....	70	7 00

Baskets, Imported English Garden. (P. 113, fig. 2.)

	50	5 50
No. 2, size 11½ x 6 in.....	70	8 00
No. 3, size 13½ x 7½ in.....	80	9 00
No. 4, size 15 x 8½ in.....	1 00	10 50
No. 5, size 17½ x 9½ in.....	1 20	12 50
No. 6, size 20½ x 10½ in.....	1 50	17 00
No. 8, size 26 x 14 in.....	2 00	21 00
No. 9, size 28 x 15 in.....		

Baskets for Orchids. Cherry wood.

	Doz.	100
5-inch.....	\$3 00	\$22 00
6-inch.....	3 50	25 00
8-inch.....	4 00	30 00

Basket, Flora Garden. Wicker basket containing 2 trowels Each (berry and transplanter), rose gatherer, pair scissors (blunt), pruning knife, pruning shears, and ball of twine, in neat case. \$10 50

Basket, Transplanting. Wicker tray basket containing berry trowel, transplanter, pruning shears, pruning knife, rose gatherer, pocket scissors and weeder..... 7 50

Blinds, Split Bamboo. Fitted with cord and pulleys. For shading greenhouses, or for porches and verandas. 5, 6, 8, 10 and 12 feet wide, all 8 feet long in the drop. Stained slats, ¼ inch wide, \$4 per 100 square feet; ½ inch wide, \$5 per 100 square feet. Painted slats, ¼ inch wide, \$8 per 100 square feet; ½ inch wide, \$10 per 100 square feet.

Intermediate sizes of above made to order. Price on application.

Boxes, Flower, Cardboard. Order by number.

No.	Depth	Length	Width	Per 100
No. 4½.....	2¾ inches	16 inches	4 inches	\$3 00
No. 6A.....	3 inches	18 inches	6 inches	3 75
No. 10.....	4 inches	23 inches	7½ inches	6 00
No. 12A.....	6 inches	26 inches	16 inches	12 00
No. 17.....	8 inches	22 inches	22 inches	15 00
No. 21.....	6 inches	36 inches	8 inches	12 00
No. 23.....	5 inches	30 inches	8 inches	10 00
No. 25A.....	7 inches	36 inches	12 inches	15 00

Boxes, Corrugated Cardboard. For shipping. Very strong and reinforced. Shipped flat. (P. 113, fig. 17.)

No.	Depth	Length	Width	Doz.	100
No. A	20 x 7 x 4 inches			\$1 50	\$10 00
No. B	28 x 8 x 5 inches			2 00	15 00
No. C	30 x 12 x 6 inches			2 25	17 00
No. D	36 x 14 x 8 inches			3 25	25 00
No. E	42 x 13 x 6 inches			3 50	26 00
No. F	48 x 18 x 8 inches			4 50	34 00

Boxes, Leatheroid, for Shipping Cut-Flowers. Very strong and durable.

3-Tray Cases.	Length	Width	Depth	Each
Model A.....	30 in.	14 in.	16 in.	\$15 00
Model B.....	34 in.	15 in.	16 in.	16 00
Model C.....	38 in.	16 in.	16 in.	20 00

2-Tray Cases.

Model D.....	30 in.	14 in.	11 in.	13 00
Model E.....	34 in.	15 in.	11 in.	15 00
Model F.....	38 in.	16 in.	11 in.	18 00

Willow Trays. For above.

For Models A and D, 30 in.....	3 75
For Models B and E, 34 in.....	4 00
For Models C and F, 38 in.....	4 50

Carnation Bands, Rubber. Prevent the splitting of the calyx. Per oz. 25 cts., ¼-lb. box 75 cts.

Flower Roll, Auto. Auto tourists should carry this Roll.

Useful in gathering ferns, wild flowers, etc..... 6 00

Flower-Pots. Sizes, height and width inside.

	Per 100	1,000		Per 100
2¼-inch.....	\$0 75	\$6 25	8-inch.....	\$9 50
3-inch.....	1 10	9 75	9-inch.....	13 50
4-inch.....	1 75	15 00	10-inch.....	18 00
5-inch.....	2 70	24 00	11-inch.....	25 00
6-inch.....	4 25	40 00	12-inch.....	35 00
7-inch.....	7 00	67 50	14-inch.....	70 00

Round Seed-Pans—

Inches	Each	Doz.	100
6.....	\$0 07	\$0 75	\$4 00
8.....	10	1 20	6 65
10.....	20	2 25	12 00
12.....	35	4 20	23 50

Square Seed-Pans—

Inches	Each	Doz.	100
6 x 6.....	\$0 25	\$3 00	\$24 00
8 x 8.....	40	4 00	32 00
10 x 10.....	50	5 00	40 00
12 x 12.....	60	6 00	48 00

Garden Line, Finest Braided. (P. 115, fig. 105.) 50 feet, 50 cts.; 100 feet, 90 cts.

Garden Reels. (P. 115, fig. 106.) For above, of wrought iron, 75 cts. and \$1.

Gloves, Gardeners'. (P. 113, fig. 18.) Harvest Tan, pair, \$1.25; Drummond's Pruning, pair, \$1.50.

Glazing Points, Peerless. (P. 113, fig. 19.) The Improved Van Ryeper. Made in three sizes, viz.: No. 1, for small, single-thick glass; No. 2, for medium, double-thick glass; No. 2½, for large, double-thick and skylight glass. 1,000 90 cts.; by post, \$1.

Glazing Points, Siebert's. Made of zinc and will not rust. Two sizes, ¾ and 1 inch long. 75 cts. per lb.

Pincers. For glazing points, 50 cts. each.

Horse Boots. The best make. For size, measure the outer edge of shoe. Per set of 4 boots, \$10.75.

Hose (Rubber Garden) and Hose Attachments. See page 116.

Labels, Wooden, Pot or Garden.

(P. 113, fig. 8.)	100	1,000	100	1,000
4-inch.....		\$0 60		\$0 90
4½-inch.....		80		1 00
5-inch.....		90		1 25
6-inch.....		1 00		1 35
8-inch.....	\$0 40	3 50	\$0 50	4 00
10-inch.....	50	4 00	55	5 00
12-inch.....	55	5 00	65	6 00

Labels, Wooden Notched Tree. (P. 113, fig. 9.)

3½-inch.....	60	90
5-inch.....	1 50	2 00
3½-inch (copper-wired).....	1 65	2 00

Labels, Celluloid. 4-inch..... 1 00 7 00

Labels, Copper. (P. 113, fig. 9.) Wired. To be written on with stylus, which is furnished with order for 200 or more.

No. 1. Small, ½-inch by 3 inches, \$1.50 per 100.

Labels, Boddington's Zinc. (P. 113, fig. 11.) For trees or pots. to be written on with indelible ink, with quill or stylus. 100

No. 4. Pot Labels, 5 x 1 in..... \$1 25

No. 15. 4¼ x ¾ in..... 1 00

No. 21. Tree and Plant Labels, with two eyelets, for attaching to stake or stem, 4 x 1¼ in..... 1 60

No. 5. Tree and Plant Labels, 3½ x 2½ in..... 1 70

No. 13. Tree and Plant Labels, 2¾ x 1½ in..... 1 00

Pencils, Garden. (P. 113, fig. 12.) For wooden labels. 10 cts. each.

Indelible Ink. (P. 113, fig. 13.) For marking labels. 50 cts.

Mastic. For glazing greenhouses, hotbeds, sash, etc., better than putty, does not crack, always remains soft. Per gallon, \$1.35.

Mats, Frost-proof, Burlap. Made of strong burlap cloth filled with wool and quilted edges firmly bound.

No. 2D. Waterproof Duck, one side, 40x76 in., \$1.50 ea., \$15 per doz.

No. 2D. Waterproof Duck, one side, 76x76 in., \$2.25 ea., \$24 per doz.

No. 3. Waterproof Duck, both sides, 40x76 in., \$1.75 each, \$18 per doz.

No. 3. Waterproof Duck, both sides, 76x76 in., \$2.75 each, \$30 per doz.

Mats, Straw. For covering sashes, etc. 6x6 feet. \$1.75 each.

Melon Nets. (P. 113, fig. 20.) Imported. \$1 per doz., \$8 per 100.

Mole Traps, Olmsted's Improved. (P. 115, fig. 102.) \$1.50 each.

The Reddick. (P. 115, fig. 103.) Powerful spring; easily set. \$1 ea.

Paper, Manila Wrapping. For cut-flowers. Sheets 24x36 inches, 10 cts. per lb.; ream, 50 lbs. \$4.

White Tissue. Sheets, 24 x 36 in., 25c. per lb.; ream, 10 lbs. \$2.

Manila Tissue, Brown. 24 x 36 in. 25 cts. per lb., \$2 per ream.

Parceling. Sheets, 20 x 30 inches, 24 x 30 inches, 30 x 40 inches, 10 cts. per lb.; ream, 50, 60 and 100 lbs., respectively, 8 cts. per lb.

Parceling, on Rolls, Kraft. 18 inches wide, weight 25 lbs., \$2.

Parceling, on Rolls, Kraft. 24 inches wide, extra heavy, weight 30 lbs. \$3.75.

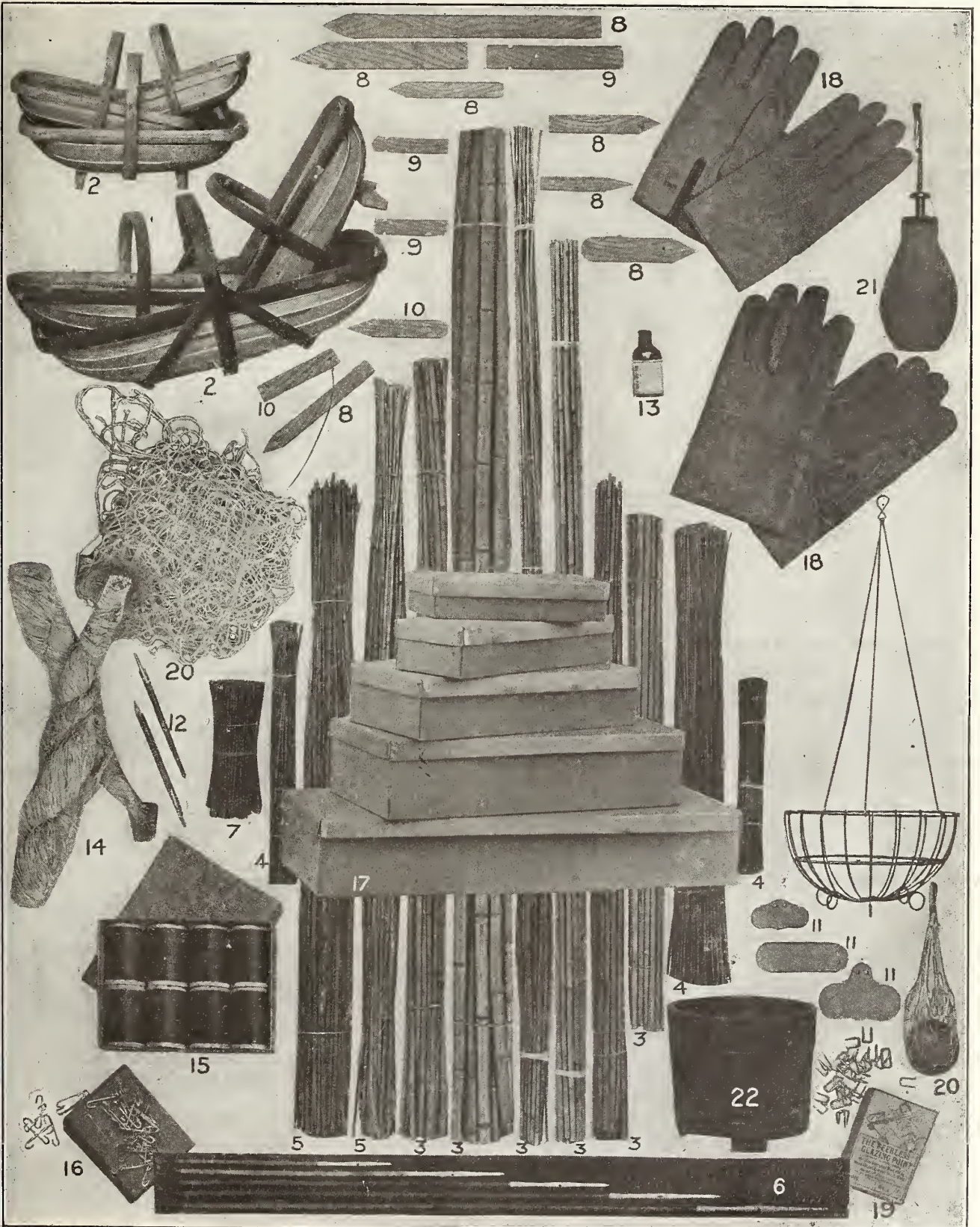
Waxed. Thin white. 18 x 24 inches, 40 cts. per lb., 5 lbs. \$1.50.

Waxed. Thin white. 24 x 36 inches, 40 cts. per lb., 5 lbs., \$1.50.

Stand and Cutter, "The Wright." For paper on rolls. 18 inches or 24 inches, \$1.50 each.

Plant-protecting Cloth. A simple and cheap method for protecting half-hard creepers upon walls, and also young growing plants in the spring and fall that are growing in frames. This cloth is waterproof and will last for years.

	Per yd.	100 yds.
36 inches wide, medium grade.....	\$0 12	\$10 00
36 inches wide, heavy grade.....	18	15 00



MISCELLANEOUS GARDEN SUPPLIES

Putty Bulb, Rubber. (Scollay's.) (P. 113, fig. 21.) For applying soft putty and white lead in glazing. \$1.

Putty, Twemlow's Old English Glazing. Can be used with machine or bulb. Makes a solid bed impervious to moisture, holds glass in place and is not affected by weather. 1, 2 or 3 gallons, \$1.75 per gallon; 5- and 10-gallon buckets, \$1.50 per gallon.

Raffia. (P. 113, fig. 14.) For tying. 25 cts. per lb., 90 cts., for 5 lbs., \$1.50 for 10 lbs.
Extra long, fresh and heavy, 35c. per lb., \$1.50 for 5 lbs., \$2.75 for 10 lbs.

Raffia, Green. 50 cts. per lb., \$4.50 for 10 lbs.

Silkline. (P. 113, fig. 15.) For stringing smilax, etc. Fast green colors; will not fade or break.

	Per spool	Per box
FFF. Coarse. 2-oz. spools, 1-lb. in box, 8 spools....	\$0 25	\$1 25
FF. Medium. 2-oz. spools, 1 lb. in box, 8 spools....	25	1 25
F. Fine. 2-oz. spools, 1 lb. in box, 8 spools.....	25	1 25

Sash, Hotbed. L. & B. Best. Made from clean cypress, glazed and painted. \$4.50 each, \$45 per doz.

Seed-Case, Mouse-Proof. Handsomely finished in hard wood, with galvanized drawers inside. It stands 45 inches high and is 25 inches wide, and has 60 compartments. \$20.

Styptic. (P. 121, fig. 149.) To prevent bleeding in grape-vines. 50 cts. and \$1.

STAKES AND PLANT SUPPORTS

Bamboo Canes, Chinese. (P. 113, fig. 3.) These are the genuine Chinese stakes, being very strong and heavy.

	100	1,000		100	1,000
4 feet, heavy....	\$1 75	\$15 00	6 feet, heavy.....	\$2 25	\$20 00
5 feet, heavy....	2 00	16 00	7 feet, heavy.....	2 75	25 00
			8 feet, extra heavy..	12 00	100 00

Bamboo Canes, Japanese. (P. 113, figs. 4 and 5.) For garden or house plants. Durable, attractive, strong and extremely inexpensive. Just the thing for hyacinths, freesias, lilies, etc.

Painted Green (P. 113, fig. 4)		100	1,000
12 inches.....	\$0 40	\$3 00	
18 inches.....	45	3 50	
24 inches.....	50	4 00	
36 inches.....	90	8 00	
42 inches.....	95	9 00	

Bean Poles, Hardwood. 8 feet, pointed, 1½ inches square, tapering to 1 inch, \$1.75 per doz.

Carnation Supports, Model Extension—

	Doz.	100
Two-ring.....	\$0 50	\$3 00
Three-ring.....	60	3 50

Dahlia Poles, or Heavy Stakes. No. 22. (P. 113, fig. 6.) Round, painted green, with long, tapered ends; very strong.

	Doz.	100		Doz.	100
3 feet.....	\$0 75	\$6 00	5 feet.....	\$1 25	\$10 00
4 feet.....	1 00	8 00	6 feet.....	1 50	12 00

Stakes for Plants, Light. Round, painted green, tapering.

	Doz.	100		Doz.	100
2 feet.....	\$0 30	\$1 75	4 feet.....	\$0 70	\$5 25
3 feet.....	50	3 50	5 feet, extra heavy..	80	6 00

Stakes for Hyacinths. (P. 113, fig. 7.) Very useful for staking hyacinths and other plants; stained green.

	100	1,000
3-16 inch thick, 12 inches long	\$0 25	\$1 50
3-16 inch thick, 18 inches long	30	2 50

Stakes, Galvanized Wire. No. 8 wire.

	Per 100	1,000		Per 100	1,000
3 feet.....	\$1 50	\$12 00	4½ feet.....	\$2 25	\$17 00
3½ feet.....	1 75	13 00	5 feet.....	2 50	19 00
4 feet.....	2 00	15 00	6 feet.....	3 00	23 00

Tomato Supports, Model. (Wire.) Two rings, three legs, 20 cts. each, \$2 per doz., \$15 per 100.

Perfection. Made of wood and will not burn the vines in hot weather or cut them off when wet and swayed by the wind. Ends creosoted. Can be folded without damage and stored away for following season's use. 36 inches high, 16 inches wide. 30 cts. each, \$3 per doz., \$20 per 100.

Lever Clip, Blake's. (P. 113, fig. 16.) For fastening rose and chrysanthemum wire stakes. A labor-saving device. Blake's Lever Clip is the "tie that binds." It binds the wire to the stakes. 90 cts. per box (500 to the box), \$1.50 per 1,000.

Trellis Lattice. We recommend the square Lattice especially for use in connection with stucco houses. The Lattice is built in only one width, thus being adaptable around windows and doors, as it can be cut into any desired length.

	Each		Each
6 feet x 18 inches.....	\$2 00	9 feet x 18 inches.....	\$3 50
7 feet x 18 inches.....	2 50	10 feet x 18 inches.....	4 00
8 feet x 18 inches.....	3 00	11 feet x 18 inches.....	4 50
		12 feet x 18 inches.....	5 00

Tubs, Boddington's Cedar Plant—(P. 113, fig. 22.)

No.	Outside top diam.	Outside height	Price
No. 1.	28 in.	22 in.	\$5 50
No. 2.	26 in.	20 in.	5 00
No. 3.	24 in.	18½ in.	4 25
No. 4.	22 in.	17 in.	3 60
No. 5.	20 in.	16 in.	3 00
No. 6.	18½ in.	15 in.	2 35
No. 7.	17 in.	14 in.	1 95
No. 8.	16 in.	13 in.	1 70
No. 9.	14 in.	12 in.	1 40
No. 10.	12 in.	9½ in.	1 25
No. 11.	10½ in.	9 in.	95
No. 12.	8 in.	7 in.	80
No. 13.	8 in.	7 in.	70

Twine. Heavy and light parceling. Ball, 25 cts.

Twine on Reels, Italian Hemp.

No. 12, Fine. About 10 lbs. to the reel.....	\$6 00
No. 18, Fine. About 10 lbs. to the reel.....	6 00
No. 24, Medium. About 10 lbs. to the reel.....	5 50
No. 30, Medium. 10 lbs. to the reel.....	5 50
No. 48, Heavy. About 10 lbs. to the reel.....	5 00
No. 60, Heavy. About 10 lbs. to the reel.....	5 00

Twine, Green. For stringing smilax. Ball, 25 cts.

Twine, Soft. For tying vines, etc., very strong. 3- and 5-ply. Large balls, 20 cts.

Tarred Yarn. Excellent, low-priced material for raspberries, shrubs, etc. Lb. 30 cts.

Tarred Marline. Of better quality than the above; twisted in strands. In 5-lb. balls. Lb. 30 cts.

Wadding Cotton. For packing plants and flowers in extremely cold weather; affords safe protection in transit. Sheets 40 x 40 in. \$4.75 per 100 sheets, \$18 for 480 sheets.

Wax, Grafting. (P. 121, fig. 133.) For grafting, or cuts and bruises on trees. Per package, 10 cts., 20 cts., and 30 cts.

Wire, Bouquet, Florists' Annealed. Nos. 22, 23 and 24, in coils of 12 lbs., \$1.50 per coil.

Florists' Bright. Cut in lengths. In boxes of 12 lbs. (one stone). 12 in. and 18 in. long. No. 22 Wire, \$1.50; No. 24 Wire, \$1.75.

GARDEN TOOLS

Dibbles, Steel-pointed. (P. 115, fig. 104.) Small size..... Each \$0 35

Large size..... 45

English Daisy Grubbers. (P. 115, fig. 70.)..... 60

Forks, Digging or Spading. (P. 115, fig. 64.)..... 1 00

Hay, or Stable. (P. 115, fig. 65.)..... 75c. and 1 00

Ladies' Short-handled or Strawberry. (P. 115, fig. 66.)... 40

Manure. (P. 115, fig. 67.) Long and short-handled. \$1 and 1 25

Ballast. (P. 115, fig. 68.) Square tines. 8 tines..... 1 50

10 tines..... 1 75

Weeding. (P. 115, fig. 69.) No. 1, 15 cts. each; No. 2..... 25

Garden Cultivator, Adjustable. (P. 115, fig. 71.) By means of the thumb-screws the blades can be adjusted to different angles, or either of the blades removed..... 1 00

Planet Jr. Double-Wheel Hoe, No. 12. Packed weight, 34 lbs. One pair of 6-inch hoes; two pairs of hollow steel cultivator teeth; one pair of plows; one pair of leaf-lifters.

Price, with attachments..... 7 00

Glass Cutter. Diamond..... \$3 and 4 00

Steel Wheel..... 20

Hoes, Draw or Corn. (P. 115, fig. 72.) Without handles.... 45

Grub..... 50

Scuffle, Dutch or Push. (P. 115, fig. 73.) 4 to 9 in.... 60

40c., 50c. and 60c., 70c. and 75

Warren, Triangular. (P. 115, fig. 74.)..... 50

Onion. 7-inch; solid shank..... 50

Onion, Narrow. (P. 115, fig. 75.) 7-inch by 1¼-inch; solid shank..... 50

Meadow. 8-inch solid shank. (P. 115, fig. 76.)..... 50

9-inch, solid shank..... 60

Planters'. 7½-inch..... 50

8½-inch..... 60

Bog, Heavy. 6 inches wide. (P. 115, fig. 77.)..... 1 25

Handle..... 25

Lawn Mowers and Rollers are offered on pages 122 and 123.

Pruning Hook and Saw Combined, "Little Giant."

(P. 117, fig. 56.) Saw can be removed when desired; attaches to a pole of any length..... 2 25

Pruning Saws. (P. 117, fig. 62.) Various sizes and kinds. 70c. to 1 25

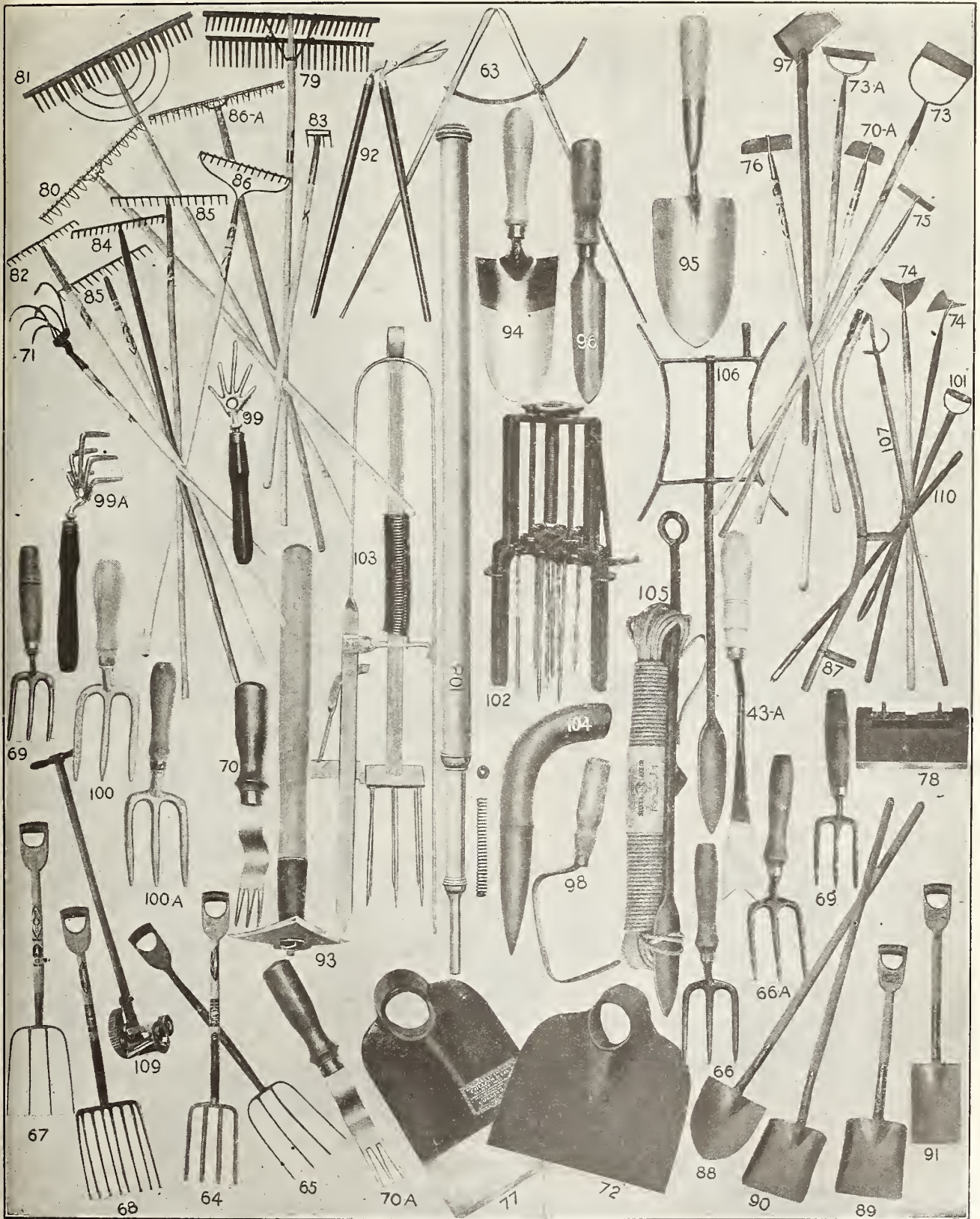
Rakes, "Automatic Lawn." (P. 115, fig. 79.) A backward motion of the operator will clean all the teeth at once.

26 teeth..... 1 00

38 teeth..... 1 25

Steel, Reversible. (P. 115, fig. 80.) For lawns..... 75

The New Rake Attachment. (P. 115, fig. 78.) For cutting weeds in walks or in the garden when raking. 25 cts. each, \$2.50 per doz.



GARDEN TOOLS, MOLE TRAPS, ETC.

Rakes, Wooden. (P. 115, fig. 81.) For lawns.....	Each \$0 50
English or Daisy.	3 50
American Garden. (P. 115, fig. 82.) Steel-handled.....	50c. to 75
Hoe-Rake, Combined. (P. 115, fig. 83.) 4 tines.....	70
6 tines.....	90
Gravel Rake. 14 teeth. (P. 115, fig. 84.).....	75
16 teeth.....	90
18 teeth.....	1 00
Cast-Steel Regular Shank Rake. (P. 115, fig. 85.) 8 teeth	
55 cts., 10 teeth 65 cts., 12 teeth 75 cts., 14 teeth 85 cts.,	
16 teeth 95 cts., 18 teeth \$1.20 teeth.....	1 10
Cast-Steel Bow Shank Rake. 14 teeth. (P. 115, fig. 86.).....	75
16 teeth.....	85
Hay. (P. 115, fig. 81.) 3-bow, 14 teeth, 50 cts., 3-bow, 12	
teeth.....	40
Scythes, English Lawn. Cast-steel, 32-in. \$1.50, 34-in. \$1.60,	
36-in. \$1.75, 38-in.....	2 00
Scythe Snath or Handle. (P. 115, fig. 87.).....	1 00
Scythe Stones, Round Dressed Talacre. (P. 117, fig. 60.)	
per doz., \$2.75.....	25
Scythe Rifles, Triple Emery-covered. (P. 117, fig. 61.).....	15
Shears, Hedge, Ridal's English Patent. The best Shears	
on the market. 9-in. (P. 117, fig. 57.).....	4 25
Grass Border, Best English. (P. 115, fig. 92.) 8, 9 and 10	
inches.....	\$2.75, \$3 and 3 25
Sheep or Grass. (P. 117, fig. 58.) 6-inch blade.....	85
Shovels, Ames' Crucible Steel—	
D-Handle, Round Point.	1 50
Long Handle, Round Point. (P. 115, fig. 88.).....	1 50
D-Handle, Square Point. (P. 115, fig. 89.).....	1 50
Long Handle, Square Point. (P. 115, fig. 90.).....	1 50
Sickles, or Grass Hooks, English. (P. 117, fig. 59.).....	
60 cts., 75 cts. and 1 00	
Spade, either D- or Long Handle, Square, Crucible Steel.	
(P. 115, fig. 91.).....	1 50
Tree Scrapers. (P. 115, fig. 93.) Best steel.....	55
Trowels, Solid Steel, Concave Shanks. No. 90, 6-inch.....	35
English Pattern, Riveted Shank. (P. 115, fig. 94.) No.	
21, 6-inch.....	35
Solid Steel Socket Shank. (P. 115, fig. 95.) 6-inch.....	60
7-inch.....	75
Transplanting. (P. 115, fig. 96.) 6-inch.....	25
Turfing Iron, or Sod Cutter, English. For lifting sods.....	5 50
Weeders, "Easy"	35
Hazeltine. (P. 115, fig. 98.).....	25
Excelsior. (P. 115, fig. 99.).....	15
Eureka Weeding Fork.	40
Weeding Hook.	15
Weeding Fork. (P. 115, fig. 100.).....	15 cts. and 25
Improved "Imperial" Weeding Gouge, Long Handle.	
(P. 115, fig. 101.).....	50
Weed Cutter, Long Handle.	50
Cleveland's Lawn Weeder. (P. 115, fig. 107.) The curved edge	
of the blade enters and loosens the soil; pressure on the	
lever then causes the toothed jaw to grasp the plant, and a	
slight pull suffices to dislodge it without disturbing the	
surrounding sod.....	75
Weed Eradicator, "The Wikeham." (P. 115, fig. 108.) For	
the application of liquid Weed Killers to dandelions, plan-	
tains, etc.; it pierces the crown of the weed and at the same	
time injects the liquid poison.....	5 00
The Coldwell Lawn Trimmer. (P. 115, fig. 109.) For trim-	
ming the edges of lawns, flower-beds, around trees, posts,	
monuments and shrubbery. Also all places not reached by	
a lawn mower. Will do in a few minutes the work it would	
take hours to do with shears.....	6 00

KNIVES, SCISSORS, ETC.

Asparagus Knives, English (saw-blade). (P. 117, fig. 43.)...	1 25
Granite State. (P. 115, fig. 43A.).....	50
Knives, Saynor's Celebrated English. Best made.	
No. 401. Budding. (P. 117, fig. 44.).....	1 50
No. 204B. Budding, brass-bound.....	2 50
No. 343. Budding, 2 blades.....	1 75
No. 403. Budding, long-handled. (P. 117, fig. 45.).....	1 75
Boddington's 2-bladed. (P. 117, fig. 46.) Brass-bound at	
ends; very strong.....	1 50
No. 938. (P. 117, fig. 47.) Pruning.....	2 00
No. 196. (P. 117, fig. 48.) Pruning; 2 blades.....	2 50
No. 187. (P. 117, fig. 49.) Pruning.....	1 75
Scissors, Grape-thinning, Saynor's.	
6-inch. (P. 117, fig. 50.).....	1 25
7-inch. (P. 117, fig. 51.).....	1 50
8-inch. (P. 117, fig. 52.).....	1 75

Pruning Shears, Boddington's Model French. (P. 117, fig. 53.)			
Each		Each	
6¼-inch.....	\$1 50	9½-inch.....	\$2 25
7½-inch.....	1 75	10¼-inch.....	2 50
8-inch.....	2 00		
Extra springs.....			30
Flower-gathering Scissors. (P. 117, fig. 54.) Combined			
flower-cutter, holder and wire-cutter. Spring pattern.....			1 50
English Flower-gathering Scissors. (P. 117, fig. 55.) Will			
cut and hold the flower. 6-inches, \$1.75; 8-inches.....			2 00

THERMOMETERS

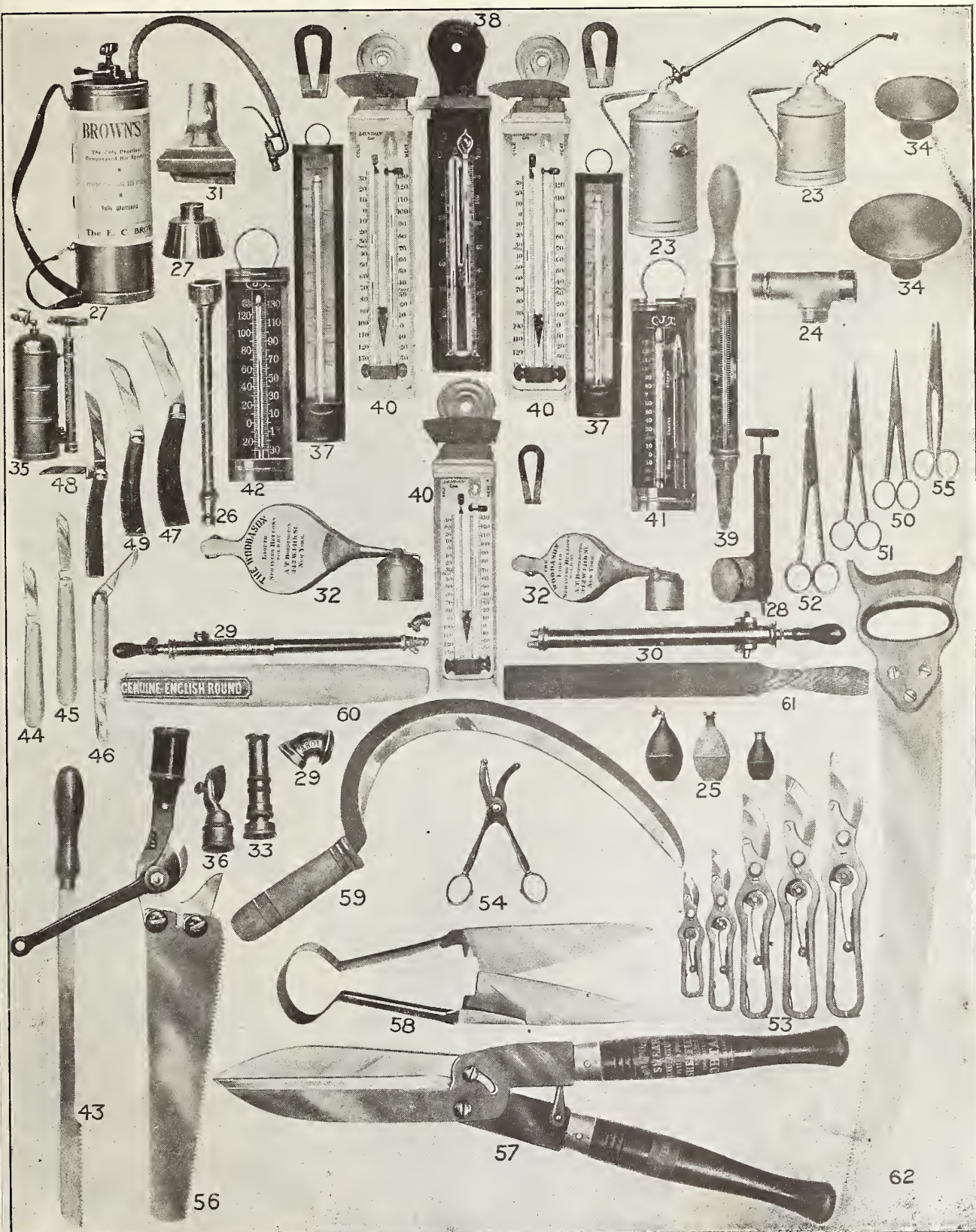
Japanned. (P. 117, fig. 37.) Tin case, 10- and 12-in., 60 cts. and 75c.	
each.	
Self-registering (maximum and minimum). (P. 117, fig. 38.) \$3.75	
each.	
Mushroom-Bed. (P. 117, fig. 39.) Galvanized frame, wood handles,	
and mercury bath. \$2 each.	
Hicks' English Self-Registering, Japanned. (P. 117, fig. 40.)	
The most accurate Thermometer manufactured. 8-inch, \$7.50;	
10-inch, \$8.50; 12-inch, \$11.	
Polished Coppered Case, Storm Glass. (P. 117, fig. 41.) Silvered	
or oxidized metal scale, tube mounted with polished copper trim-	
ming. No. 73, \$1 each.	
8-inch Thermometer. (P. 117, fig. 42.) Metal scale, mercury or	
spirit magnifying tube, in finely polished coppered case, for out-	
door use. No. 103½, 75 cts. each.	
Thermostat, Style 1. This will be found far more reliable than the	
old method of having a thermometer attached to an ordinary ther-	
mostat and bell. In this case the Thermostat combines the two;	
it can be set to sound an alarm at any temperature desired, and	
is positively accurate. Furnished complete with the exception of	
wire, battery and bell, which can be purchased for a small sum	
and installed by anyone. Price, all brass, not waterproof style,	
\$5; waterproof style, \$10.	

HOSE, SYRINGES, SPRAYERS, ETC.

Alpha Sprayer. (P. 117, fig. 23.) The premier English compressed-	
air Sprayer. Makes a beautiful, fine spray which covers a large	
area. Adapted for spraying under foliage; works automatically	
by compressed air. Sold in two sizes: No. 3 (holds 4 qts.), \$10.75;	
No. 1A (holds 2 qts.) \$9.	
Auto-Spray. For spraying insecticides, fungicides, whitewash, etc.	
When properly charged, holds three gallons of solution and one	
gallon of compressed air. The "Auto-Pop" Nozzle cannot clog.	
No continuous pumping; twelve strokes of the plunger will com-	
press the air, and two pumpings will empty the entire contents. It	
works entirely automatically from six to fifteen minutes, according	
to the nozzle opening.	
Auto-Spray No. 1 B. (P. 117, fig. 27.) Brass tank, with "Auto-	
Pop" Nozzle, \$7.25.	
Auto-Spray No. 1 D. Galvanized tank, "Auto-Pop" Nozzle, \$5.	
Auto-Spray No. 37. (P. 117, fig. 28.) Used for spraying rose	
and currant bushes, etc., with insecticide solutions. Throws a	
fine, continuous, vapor spray, and can be operated at any angle.	
Galvanized tank, \$1.25 each; brass, \$1.50 each.	

EXTRA ATTACHMENTS

Brass Strainer. (P. 117, fig. 27.) Necessary for the proper prepa-	
ration of solutions. 90 cts.	
Brass Elbow. For spraying the under side of foliage. 30 cts.	
Extension Pipes. Brass, 2-foot lengths; as many as three can be	
used for reaching trees. Each length 45 cts.	
Bucket Pump, Brown's No. 2. This Pump is made entirely of	
brass and has no leathers or packing to shrink and dry up, as	
happens on other Pumps, especially after using lime, etc.; therefore	
it is practically indestructible. It is used for spraying small fruit	
trees, whitewashing or disinfecting chicken-coops, etc. \$4.	
Hose, Rubber, Boddington's Quality Non-Kinkable. (P. 119,	
fig. 121.) Made of pure rubber by a special process, does not crack	
or scale, and will not kink. We can supply in any length. Guar-	
anteed for one year, ¾-inch, \$5 for 25 feet, \$9.50 for 50 feet, \$18	
per 100 feet.	
The Revero. Being of continuous length, you can get any length	
wanted up to 500 feet in one piece,—thereby avoiding leaky	
couplings whenever long lengths are necessary. Cut any length	
desired and fitted with couplings. ¾-inch, 20 cts. per foot,	
½-inch, 18 cts. per foot.	
Hose Couplers, "Quick as Wink." (P. 119, fig. 118.) Set D and	
B, 80 cts. each; \$8 per doz.	
Hose Couplings, Brass. (P. 119, fig. 119.) ½-inch and ¾-inch.	
20 cts. each.	
Hose Clamps. (P. 119, fig. 120.) ½-inch and ¾-inch, \$1 per doz.	
Hose Menders, Cooper's. ¾-inch, 10 cts. each, \$1 per doz.	
Kinney Pump. (P. 117, fig. 24.) For distributing water and ma-	
nure through the hose at the same time. \$2.25.	



CUTLERY, THERMOMETERS, SPRAYERS, ETC.

LAWN SPRINKLERS

Eureka No. 55B. The Eureka Sprinkler will revolve under extremely low pressure, and is a first-rate article. The head, arms and upper stem are nickel-plated brass and all bearing parts of the Eureka are of brass. The base is japanned black and has a loose swivel. Height 10 inches. \$1.50.

Maid of the Mist. A superior lawn fountain, very much in demand. \$1 each.

The Ring. (P. 119, fig. 116.) An excellent lawn sprinkler. Made of heavy brass, 8 inches in diameter. Easily moved over the lawn without turning off the water. \$1.

The Kopsay. (P. 119, fig. 115.) Used on Jamestown Exposition grounds, 1907. Acknowledged by all users to be the acme of perfection in the sprinkling line. \$1 each, \$10 per doz.

The Turbine. (P. 119, fig. 117.) Simple and effective. \$2 each.

The Twin Comet. The three upper arms revolve rapidly, sprinkling meanwhile, and carrying around a slowly revolving nozzle, which sprinkles the ground for a great distance. Height, 17 in., \$6 each.

"Siamese" Lawn Sprinkler Attachment. By using these, several Sprinklers can be used at one time. For $\frac{3}{4}$ -inch hose, \$1 each.

Sprinklers, Rubber, Scollay, Straight-neck. (P. 117, fig. 25.) For spraying flowers. Large, \$1.25; small, 60 cts.
Angle-neck. \$1.25.

Stott Sprayer. (P. 117, fig. 26.) A splendid aid; for spraying with hose; sprays under foliage perfectly. \$1.50 each.

Syringe, "Abol." (P. 117, fig. 29.) The best brass hand Syringe manufactured, with angle-neck attachment. No. 6, \$7.50 each.

Syringe, Reed's Patent. (P. 117, fig. 30.) Extra-heavy brass Syringe, 20 x $1\frac{3}{4}$ inches. English-made. Two roses and one jet, with quick-filling valves. \$7.50 each.

Schubert's Sprinkler. (P. 117, fig. 31.) Can be used for either watering or syringing; especially recommended for greenhouse purposes. \$1.50 each.

Turbine Shower Tree Sprayer. Used with conspicuous success in the New York City parks. \$1.25.

Spray Nozzle, The Boston Graduating. (P. 117, fig. 33.) Throws a coarse or fine spray or a solid stream. $\frac{3}{4}$ -inch, 50 cts.

The Boston Rose Hose Sprinkler. (P. 117, fig. 34.) A wide-face nozzle with numerous small holes, giving a gentle shower that will not disturb the soil. 3-in. face, \$1; 4-in. face, \$1.25.

Sprayer, Hand. (Muratori's Patent.) (P. 117, fig. 35.) Invaluable for spraying orchids and other plants hanging from the rafters of a greenhouse; especially adapted for ladies in the garden. Works automatically by compressed air. \$12 each.

Spray Nozzle, The Newport. (P. 117, fig. 36.) Excellent for getting under foliage of roses, palms, etc., where force is needed to keep down red spider, etc. Brass, \$1 each.

Watering Pots, Haw's Pattern. (P. 119, fig. 111.) No. 0, 3-qt., shelf, 9-inch spout, one rose and extra joint, \$2. No. 1, 3-qt., japanned, two roses, \$2.50. No. 2, 4-qt., japanned, two roses, \$3. No. 3, 6-qt., japanned, two roses, \$3.50. No. 4, 8-qt., japanned, two roses, \$4. No. 5, 10-qt., japanned, one rose and spreader, \$4.50. No. 6, 12-qt., japanned, one rose and spreader, \$5.

Watering Pots, "The Philadelphia." (P. 119, fig. 112.) With brass joints and two copper-faced roses. 6-qt. \$2, 8-qt. \$2.25, 10-qt. \$2.50, 12-qt. \$2.75.

Watering Pots, French. (P. 119, fig. 113.) Brass handles and joints, two copper-faced roses, coarse and fine. 6-qt. \$2.50, 8-qt. \$2.75, 10-qt. \$3.

Watering Pots, Strawberry, or Shelf. (P. 119, fig. 114.) Galvanized; holds 3 qts., \$1.25.

Woodason's Atomizer. (P. 117, fig. 32.) For liquid insecticides. \$1.50 and \$2.50 each.

SKINNER SYSTEM OF IRRIGATION, OUTDOOR IRRIGATING, GREENHOUSE IRRIGATING, "LAWN MIST" SECTIONAL SPRINKLERS. Descriptive circulars free on application.

INSECTICIDES, FUNGICIDES, ETC.

Aphine. (P. 121, fig. 122.) Effective against plant-sucking insects, such as green, black or white fly; red spider, thrip, mealy bug, brown and white scale. An excellent cleanser for house-plants. $\frac{1}{2}$ pt. 40 cts., pt. 65 cts., qt. \$1, gal. \$2.50.

Aphis Punk. Used for fumigating, giving off dense fumes of nicotine. Excellent for exterminating aphis, thrip, white and green fly, also red spider. Pkg. 60 cts., \$6.50 for 12 pkgs.

Ant Exterminator. (P. 121, fig. 123.) Will destroy black ants in lawns, trees, plants, houses or other affected locality. Lb. tin, 80 cts.

Arsenate of Lead. (P. 121, fig. 124.) For spraying, etc. Lb. 30 cts., 2 lbs. 50 cts., 5 lbs. to 50 lbs. at 15 cts. per lb., 100 lbs. \$14.

Asbestos Torches. For destroying caterpillars' nests on branches of trees. 50 cts. each; with pole, 30 cts. extra.

Bordeaux Mixture. (P. 121, fig. 126.) Remedy for blight and fungus. Dry, 1-lb. box 25 cts., 4 lbs. and over at 22 cts. per lb., 50-lb. keg \$10. Liquid, pt. 30 cts., qt. 50 cts., 2 qts. \$1, gal. \$1.75.

Copper Solution, Ammoniated. (P. 120, fig. 127.) Effective against mildew and rust. One quart of solution to twenty-five quarts of water. Qt. \$1.

Climax Lawn Sand. (P. 121, fig. 128.) Kills every weed that grows on grass lawns and also improves the grass. Full instructions for using with all packages. $3\frac{1}{2}$ -lb. tin can 60 cts., 7-lb. tin can \$1, 14-lb. tin can \$1.75, 28-lb. wooden keg, \$3, 56-lb. wooden keg \$5.50, 112-lb. wooden keg, \$9.

Fire-Tree Oil. (P. 121, fig. 129.) Death to mealy bugs, red spider, and all other insect pests. Pt. \$1, qt. \$1.75, $\frac{1}{2}$ gal. \$3, gal. \$5.50.

Fire-Tree-Oil Soap, Stott's. (P. 121, fig. 130.) Kills green and black fly. $\frac{1}{2}$ -lb. can 30 cts., 2-lb. can 85 cts.

Fish-Oil Soap. (P. 121, fig. 131.) Kills all plant aphids. Lb. 18 cts., 3-lb. box 40 cts., 25 lbs. \$3, 100 lbs. \$10.

Flowers of Sulphur. Used for fumigating and dusting. Lb. 10 cts., 10 lbs. 75 cts., 25 lbs. and over at 6 cts. per lb.

Fungine. (P. 121, fig. 132.) An infallible remedy for mildew, rust, wilt, bench-rot and other blights affecting flowers, fruits, etc. $\frac{1}{2}$ pt. 30 cts., pt. 50 cts., qt. 75 cts., gal. \$2, 10-gal. keg \$15.

Gishurst's Compound. Destroys thrip, red spider and scale. 50 cts. per box.

Hammond's Grape Dust. (P. 121, fig. 134.) For mold, mildew and rust. 5-lb. pkg. 35 cts., 100-lb. keg \$5.50.

Hammond's Slug-Shot. (P. 121, fig. 135.) Effectual in destroying potato bugs, etc. 5-lb. pkg. 35 cts., 10-lb. pkg. 60 cts., 100 lbs. \$5.50.

Hellebore Powder. (P. 121, fig. 136.) One ounce to three gallons. 1-lb. box 25 cts., 2-lb. box 40 cts.

Herbicide. A liquid weed-killer. 1 gallon diluted with forty gallons of water will thoroughly clean 1,000 square feet of ground of all weeds. 2-gal. keg \$2.75, 5-gal. keg \$5.50, 10-gal. keg \$10.

Imp Soap Spray. (P. 121, fig. 137.) Peculiarly effective against red spider, on fruit, etc., rose bug, white, black and green fly, mealy bug, thrip, aphids, and other insect pests on fruit, flowers and foliage. Qt. 50 cts., gal. \$1.50, 5 gals. \$7.

Kerosene Emulsion. (P. 121, fig. 138.) Splendid summer wash for scales and aphids. Qt. 50 cts., gal. \$1.25, 5 gals. \$5.50.

Lemon Oil. Kills green and black fly. Pt. 50 cts., qt. 75 cts., $\frac{1}{2}$ gal. \$1.25, gal. \$2.25, 5 gals. \$10.

Nicotide. (P. 121, fig. 140.) Directions on packages. 2-oz. bottle 50 cts., $\frac{1}{4}$ pint 70 cts.; pt., sufficient for 32,000 cubic feet, \$2.50, gal. \$15.

Nikoteen. (P. 121, fig. 141.) A thorough exterminator of insects. Small bottle for amateurs, 40 cts., pt. bottle \$1.50, 10 pts. \$13.

Nico-Fume. (P. 121, fig. 142.) For fumigating. Packed in tins, 24 sheets, 85 cts., 144 sheets, \$4, 288 sheets, \$7.50.

Nico-Fume Liquid. (P. 121, fig. 143.) For spraying and fumigating. Lb. \$1.50, 4 lbs. \$5.50, 8 lbs. \$10.50.

Paris Green. (P. 121, fig. 144.) For the destruction of potato bugs. Lb. 50 cts., 5 lbs. \$2.25.

Readeana. Rose bug exterminator, kills all insects which infest trees and plants, especially useful on roses and chrysanthemums. 24-oz. bottle \$1, 1 gal. \$4, 5 gals. and over at \$3.50 per gal.

Sealine. Can be applied in the growing and dormant season. Qt. 75c., gal. \$1.50, 5 gals. \$6.25, 10-gal. keg \$10, bbl. (50 gals.) \$37.50.

Scalecide. (P. 121, fig. 145.) Soluble crude oil. Used diluted for the destruction of the San José scale. Qt. 45 cts., gal. \$1, 5 gals. \$3.25, 10 gals. \$6, 30-gal. bbl. \$16, 50-gal. bbl. \$25.

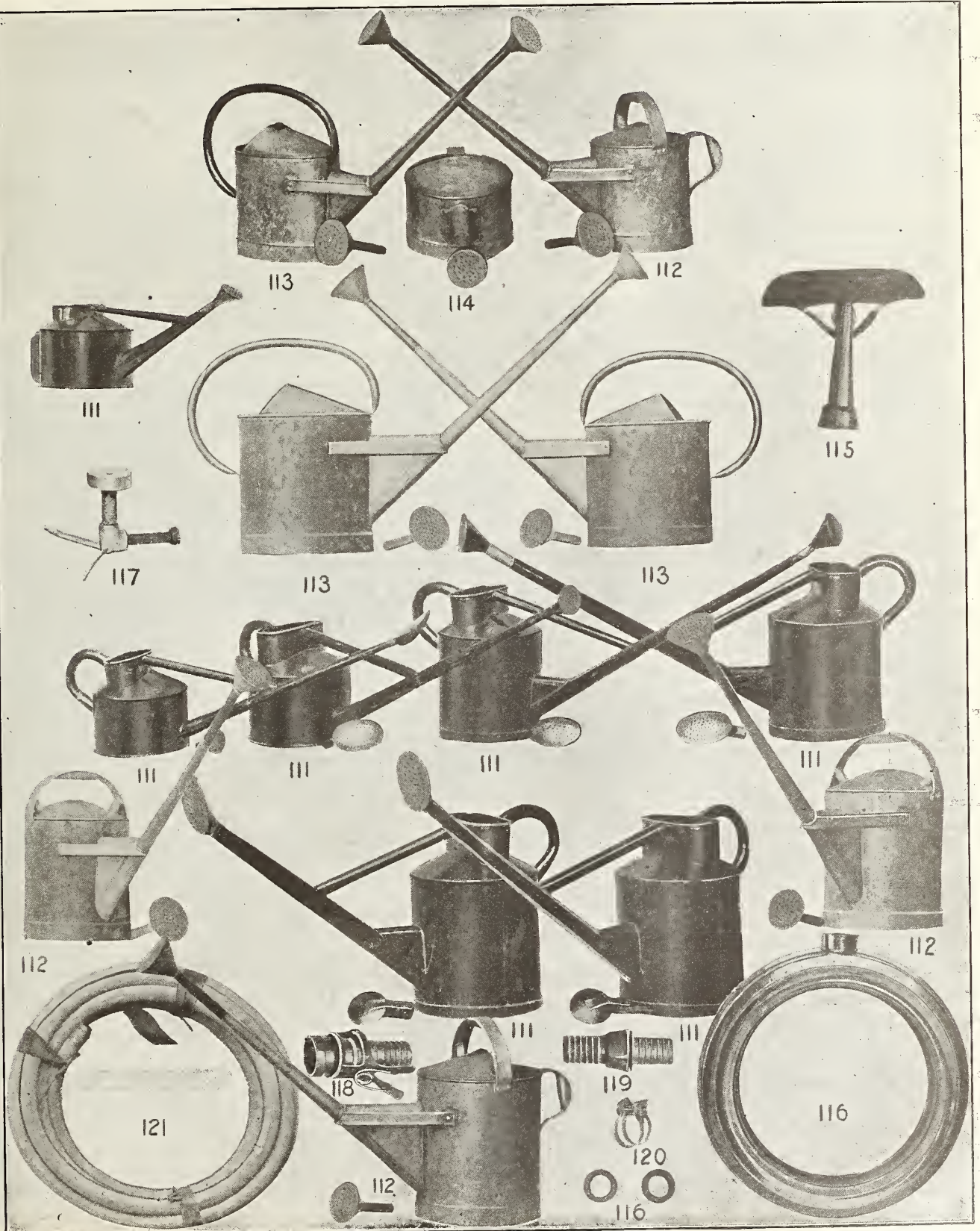
Sodium Cyanide. (P. 121, fig. 146.) For Edwards' Cyaniding Apparatus. \$1.50 per lb.

Tobacco Dust. The burning or dusting kind. 5 lbs. will fumigate a house 100 x 25 feet. Put up in 100-lb. bags for \$4.

Tobacco Stems. 100-lb. bale \$2, 300 lbs. \$5.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. 3-lb. can \$1, 10-lb. can \$3, 40-lb. can \$11.

Vaporite. Vaporite is a gray, non-poisonous powder which, when it comes into contact with soil, gives off a vapor. This vapor kills all under-ground insects such as wire-worms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them. One to one-and-one-half pounds is enough for a cubic yard of soil (about one cartload). 56 lbs. \$4, 112 lbs. \$7.50.



WATERING CANS, HOSE, SPRINKLERS, ETC.

Vermine. A soil-sterilizer and germicide for all soil vermin, such as cut-, eel-, wire- and grub-worms, slugs, root-lice, maggots and ants. Pt. 65 cts., qt. \$1, gal. \$3, 5-gal. keg \$12.50.

Weed Killer, Target Brand. (P. 121, fig. 147.) Quart can, will make six gallons of liquid, 50 cts.; gallon can, will make twenty-five gallons of liquid, \$1.50; 5-gal. keg, will make 125 gallons of liquid, \$5.

X-L-All Liquid Insecticide. (P. 121, fig. 148.) English preparation for spraying; harmless to very delicate plants; kills mealy bug, red spider, and all insect pests. Qt. \$1, ½ gal. \$1.85, gal. \$3.50.

X-L-ALL Vaporizing Compound. Claimed to be the most easy, effectual and cheapest method of fumigating greenhouses and frames ever invented. In dry cake form, box of 80 cakes for \$10.50, 15 cts. per cake. Each cake sufficient for 1,000 cubic feet.

No. 1. \$8.00 bottle contains sufficient for 40,000 cubic feet of space.

No. 2. \$4.50 " " " " 20,000 " " " "

No. 3. \$2.50 " " " " 10,000 " " " "

No. 4. \$1.25 " " " " 5,000 " " " "

Kirke Tobacco Cartridge. Used in connection with the Kirke Automatic Feeder and Insecticide distributor. See page 126.

VAPORIZERS AND BELLOWS

Vaporizer, Campbell's Patent Sulphur. (P. 121, fig. 150.)

Designed to vaporize sulphur in greenhouses without danger. Most useful for killing mildew and other fungous diseases. Each

No. 1. For houses up to 5,000 cubic feet of space.....\$5 00

No. 2. For houses up to 10,000 cubic feet of space.....6 50

Glass Balls for preceding. (P. 121, fig. 151.) Per box of 6, 15 cts.

Yellow Powder. Per tin, 20 cts.

Hollow or Solid Wicks for either size, 15 cts.

Nicoticide Fumigator. (P. 121, fig. 152.) 75 cts.

X-L-All Vaporizer. (P. 121, fig. 153.) Lamp and stand complete.....1 50
Smaller size, complete.....1 25

Edward's English Cyaniding Apparatus. (P. 121, fig. 154.) \$2.75 each; Sodium Cyanide, \$1.50 per lb.; Glass Measures, 75 cts.

Bellows, Powder, Woodason's. (P. 121, fig. 155.) Single-cone, large size.....2 50

Single-cone, small size. (P. 121, fig. 156.).....1 50

Double-cone. (P. 121, fig. 157.).....3 50

Sulphur Blower. For distributing sulphur and other insecticides.....5 00

FERTILIZERS, MANURES, ETC.

ASHES, CANADA HARDWOOD. Apply one to two tons to the acre, as one heavy application will help much more than the same quantity would applied in fractions. Bbl. of about 200 lbs. \$3.50, ton of 2,000 lbs., in bbls., \$27; by car, \$25 per ton.

Blood, Dried or Ground. Excellent stimulant for palms, ferns, carnations, etc. 10 lbs. 75 cts., 50 lbs. \$3, 100 lbs. \$5.

Blood and Bone. Invaluable for garden and field crops, grapevines, etc. 100 lbs. \$2.50, ton \$45.

Bon Arbor, Dry. 5 lbs. \$1.80.

Bon Arbor. A liquid plant-food good for all plants. It invigorates, promotes growth, increases the crop and causes it to mature earlier. Put up in 1- and 2-gallon kegs, \$2 per gallon; in 25-gallon barrels, \$1.50 per gallon; in 50 gallon barrels, \$1.25 per gallon.

BONE FERTILIZERS. Quantity required for permanent pasture and mowing lands, one-half to one ton to the acre. For trees and vines, two to four quarts each. For top-dressing, 1,000 to 1,500 lbs. to the acre. For field and garden crops, three-fourths to one ton broadcasted and harrowed in. For rose-beds, pot-plants, etc. one part to about fifty of soil.

Bone Dust for Quick Action. Effective as a top-dressing and for mixing in soil. 100 lbs. \$3.25, 166-lb. bag \$4.75, ton \$50.

Bone Meal for General Use. Pure ground bone, not quite so finely ground as the preceding. 100 lbs. \$3, 200 lbs. \$5, ton \$50.

Bone Meal for Roses. For use under glass; the highest quality obtainable. 100 lbs. \$3.25, 200 lbs. \$6, ton \$55.

Bone, Crushed, Coarse. For vine borders, etc. ½-inch to 1-inch or ¼-inch to ½-inch, 100 lbs. \$3.50, ton \$60.

Charcoal Dust. Keeps the soil sweet. Useful for mixing with your potting soil. Lb. 25 cts., 10 lbs. 75 cts., 100 lbs. \$5.

Clay's Fertilizer. A celebrated English Fertilizer for both garden and greenhouse use. Highly concentrated, therefore economical notwithstanding its apparently high price. Tins, 25 cts. and 50 cts. each; bag of 14 lbs. \$1.25, 28 lbs. \$2.25, 56 lbs. \$4, 112 lbs. \$7.

Farmogerm. High-bred nitrogen-gathering bacteria for clover, alfalfa, garden peas, sweet peas, beans and other legumes. Bacteria produces nodules on the roots of legumes such as peas, beans,

clovers, etc. The nodules are eight per cent pure nitrates. Bacteria makes nodules; nodules mean nitrates; nitrates mean big crops. All ready to use simply by moistening the seeds before planting. Price, in acre size, \$2 each; in garden size, 50 cts. each. In ordering, state what legume you wish to plant.

Horn Shavings. For mixing in potting soil; especially useful for chrysanthemums and orchids. 25 lbs. \$2, 50 lbs. \$3.25, 100 lbs. \$6.

Humus, Alphano. (Nature's Fertilizer.) A splendid manure for lawns, flowers and vegetables; odorless and carries no weed seeds. 100 lbs. \$1.75, ton \$25.

Land Plaster, or Gypsum. Valuable for soils requiring lime and sulphate; good for sour soils. 100 lbs. \$1.50, ton \$18.

Lawn Sand, "Climax." Kills every weed that grows on grass lawns and also improves the grass. Full instructions for using on each can. 3½-lb. tin can 60 cts., 7-lb. tin can \$1, 14-lb. tin can \$1.75, 28-lb. wooden keg \$3, 56-lb. wooden keg \$5.50, 112-lb. wooden keg \$9.

Lawn Top-Dressing, Odorless. 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 200 lbs. \$5, ton \$45.

Lime, Agricultural. A plant-food and neutralizer for acid soils. 100 lbs. \$1.50, 500 lbs. \$6, ton \$16.

Mapes' Complete Potato Manure. Bag (200 lbs.) \$5, ton (2,000 lbs.) \$46.

Mapes' Vegetable Manure for All Soils. Bag (200 lbs.) \$5.50, ton (2,000 lbs.) \$50

Mapes' Fruit and Vine Manure. Bag (200 lbs.) \$5, ton (2,000 lbs.) \$46.

Mapes' Corn Manure. Bag (200 lbs.) \$5, ton (2,000 lbs.) \$45.

NITRATE OF SODA. 100 to 300 lbs. per acre. 25-lb. bag \$2, 50-lb. bag \$3, 100-lb. \$5.75.

SHEEP MANURE, PULVERIZED. For top-dressing grass, use one to two tons to the acre. Prepared for use by a patent process which destroys all weed seeds, and at the same time preserves the fertilizing properties indefinitely. In bags of 100 lbs. \$2.75, 500 lbs. \$12, 1,000 lbs. \$21, ton \$40.

Sulphate of Ammonia. Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use one pound to fifty square feet of ground or bench, or a tablespoonful to a bushel of soil or three gallons of water. 25 lbs. \$2, 100 lbs. \$7.50.

Superphosphate, Plain (Acid Phosphate). Good for all crops and unexcelled as a top-dressing for grass lands and grains. 100 lbs. \$2, 200 lbs. \$3.75, ton \$30.

Scotch Soot. (Genuine Imported.) Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs, and cutworms. Sold in 100-lb. bags only, \$5 per bag.

Salt, Agricultural. For top-dressing asparagus, etc. Sold in 100-lb. bags only. \$2 per bag.

Tankage, Fine Ground. Contains both blood and bone. 200-lb. bag \$5, ton \$45.

Thomson's "Special" Chrysanthemum Manure. Imported and sold in original bags. An excellent stimulating manure for top-dressing of chrysanthemums and similar plants. It is entirely soluble and very powerful, especially suitable for top-dressing plants in pots during the growing season. A heaped dessert-spoonful will be sufficient for a 10-inch pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season. The very best results will follow. 28-lb. bag \$4, 56-lb. bag \$7, 112-lb. bag \$13.50.

Thomson's Vine, Plant and Vegetable Manure. So compounded as to combine stimulating with lasting effects. A safe and reliable food and stimulant for every fruit-bearing plant, for foliage and flowering plants, for vegetables and outdoor plants of every description; admirably adapted for mixing with the soil when potting in the proportion of four pounds to each wheel-barrow-load of soil. 28-lb. bag \$2, 56-lb. bag \$3.50, 112-lb. bag \$6.75.

POTTING MATERIALS, ETC.

Charcoal, Lump. Large or small. Keeps potting soil sweet. Useful for potting orchids. Lb. 25 cts., 10 lbs. 75 cts., 100 lbs. \$5.

Cocoonut Fiber. Bus. 75 cts., 3-bus. bag \$2.

Fiber, Boddington's Prepared, for Growing Bulbs without Drainage. Pk. 50 cts., bus. \$1.50.

Leaf-Mold. Per bus. 75 cts., bbl. \$2.

Moss, Live Green Sphagnum. Fresh, in season. Bus. \$1.25, bbl. \$3.50.

Moss, Dry Sphagnum. Bus. 50 cts., bale \$2.75.

Moss, Sheet, Natural Green. For covering the pots or tubs of large plants; sheets range in size about 1 foot wide, and from 2 feet to 5 feet long. Bag of about 2 bushels, \$5.

Peat (Osmunda) for Orchids. Bus. \$1, bbl. \$2.50.

Peat, Rotted Fibrous. An excellent material for mixing with potting soil for many plants, such as ferns, begonias, etc. Bus. \$1, bbl. \$2.50.

Prices on Manures and Fertilizers are subject to fluctuation of the market



LAWN MOWERS

Coldwell's Imperial Mower

There is no better Lawn Mower than the Coldwell Imperial High Wheel. The gears will outwear those of any other Mower, as they are stationary when the Mower is being run backward. It can be sharpened in a few minutes without removing any of its parts and, can be supplied with five blades for very close cutting. Noiseless Grass Catcher can be attached.

Size	10-INCH HIGH WHEEL		
	4-Blade	5-Blade	Grass Catcher
14-inch.....	\$9 00	\$10 00	\$1 75
16-inch.....	10 00	11 00	2 00
18-inch.....	11 00	12 00	2 25
20-inch.....	12 00	14 00	2 50

The Coldwell Improved Excelsior Roller Mower

For cutting borders, verges, etc. This Mower is the last word in a grass-cutting machine for this purpose. Operated by gears. Grass Catchers for this machine, \$2.50 each.

Size	4-Blade		6-Blade	
	4-Blade	6-Blade	4-Blade	6-Blade
12-inch.....	\$14 00	\$15 00	\$19 50	\$20 50
14-inch ..	15 50	16 50	20 50	22 50
16-inch ..	17 50	18 50		

The Coldwell Chain Roller Mower

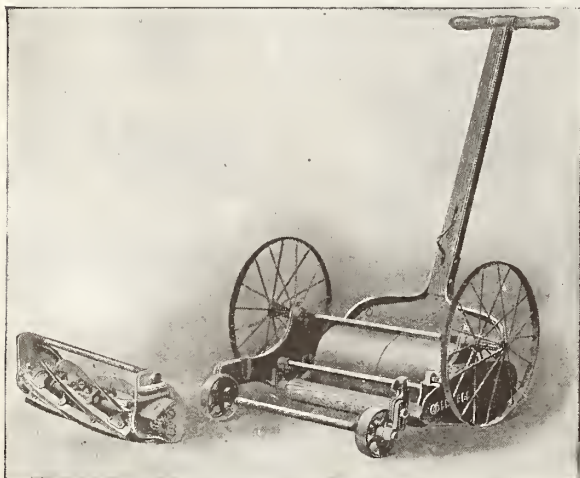
Especially designed to cut borders, terraces, verges, etc. Some prefer this style Mower on account of its lightness. Grass Catchers for use on this machine, \$2.50 each.

Size	4-Blade		6-Blade	
	4-Blade	6-Blade	4-Blade	6-Blade
12-inch.....	\$10 50	\$11 50	\$14 00	\$15 00
14-inch.....	11 75	12 75	15 00	16 00
16-inch.....	13 00	14 00		

Coldwell's Improved Horse Lawn Mower and Roller Combined

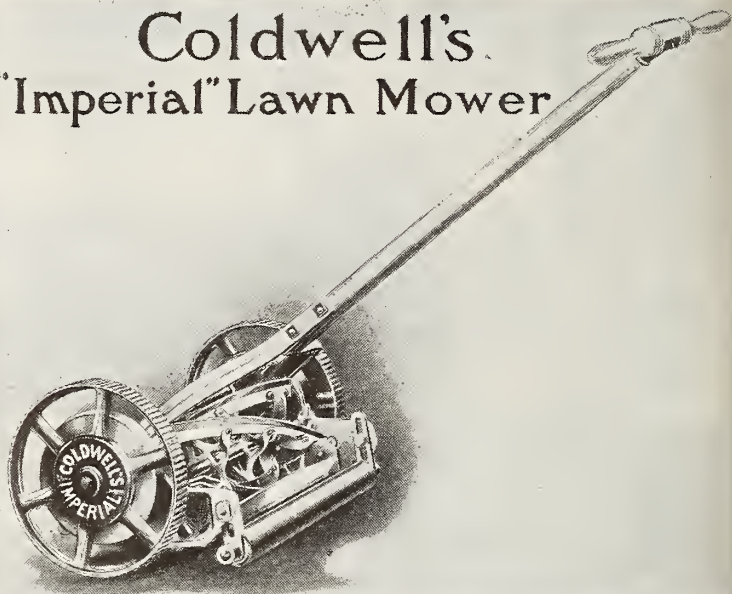
One of the best Horse Mowers made. Especially in demand by parks and golf-clubs. From the seat, the operator can push a lever and throw the cutting part out of gear at will, also raise and lower the cutting knife to pass over cross-walks or driveways, or when used exclusively as a roller. The side draft-rod keeps the horse on the cut grass. Complete, with shafts, side draft and seat.

Size	Gross weight	Net weight	Price
30-inch	560 lbs.	465 lbs.	\$65 00
35-inch	625 lbs.	522 lbs.	75 00
40-inch	650 lbs.	550 lbs.	90 00



Coldwell's Demountable Putting-Green Mower

Coldwell's "Imperial" Lawn Mower



Coldwell's Demountable Putting-Green Mower (Ball-Bearing)

The lightest draft and the finest cutting Roller Mower ever made. Fitted with Coldwell's Demountable and Interchangeable Cutter Unit which relieves the necessity of shipping the whole machine to the shop when the knives only need attention. The cutter unit can be detached and another substituted in less than a minute. The Mower is supplied with two light 14-inch carrying wheels which are operative only when the machine is turned upside down for the great convenience of transporting the machine from one green to another. Grass Catchers, \$2.50 each.

Size	Each
16-inch.....	\$25 00
18-inch.....	30 00
20-inch.....	35 00

The above prices include an extra cutting unit

Coldwell's Demountable Cutter Unit Horse Lawn Mower

The Demountable Unit, being the cutter section of the Mower, is the only part necessary to send in to the factory for sharpening or adjusting. The great convenience in handling and the saving in freight and cartage charge between shipping an entire Mower and the unit only will be fully appreciated by all users of Horse Mowers.

Size	4-Blade		6-Blade	
	4-Blade	6-Blade	4-Blade	6-Blade
30-inch, complete, with seat, shaft and extra cutter unit..	\$100 00	\$110 00		
35-inch, complete, with seat, shaft and extra cutter unit..	125 00	135 00		
40-inch, complete, with seat, shaft and extra cutter unit..	150 00	160 00		

The above prices include an extra cutting unit

Terrace Mower

Especially designed to cut grass on terraces and banks. It has a strong, light, steel wire cylinder in place of a roller, and can also be used on borders, verges, etc., as well as on the level lawn.

Size	Each	Size	Each
10-inch.....	\$6 00	16-inch.....	\$9 00
12-inch.....	7 00	18-inch.....	10 00
14-inch.....	8 00	20-inch.....	11 00

Pennsylvania, Philadelphia, Townsend's Victory, and other makes of Lawn Mowers supplied. Quotations given on request.

Motor Mowers

We can also supply at manufacturers' prices, Coldwell's Motor Mower, Style F (operator walks), and Style D (operator rides), for use on large lawns and golf-courses. Full particulars on request.



FERTILIZERS AND POTTING MATERIALS (see page 120)

The Dunham "Water-Weight" Lawn Roller

The Dunham "Water-Weight" Roller with handle weights is the most satisfactory and serviceable Roller. The handle weights (shown in the illustration) are to counterbalance the weight of the handle, and keep it in an upright position off the ground, otherwise the wooden handle-bar would soon rot and metal handle-frame become incrustured with rust. Insist upon a Roller having handle weights, as they also add speed and ease of operation to the Roller. The "Water-Weight" Roller can be filled with water or sand to the required weight. The smallest model weighs 120 pounds empty, 260 pounds filled with water, and 360 pounds filled with sand. The Dunham "Water-Weight" Roller is electric-welded, making the water section one solid drum; no rivets are used; it cannot leak. The rolling surface is perfectly smooth. **All Dunham Rollers are roller-bearing.** The "Water-Weight" feature enables the weight of the Dunham Roller to be adjusted to the conditions of the soil to be rolled and the strength of the operator. The Dunham "Water-Weight" Roller can be filled without standing it on end. Even the largest size can be operated by one man.

No.	Diam. in.	Length in.	Sec- tions	Weight empty	Filled with water	Price
2	14	20	1	120	260	\$11 25
4	18	24	1	135	360	13 00
6	24	24	1	185	560	16 50

No.	Diam. in.	Length in.	Sec- tions	Weight empty	Filled with water	Price
8	24	32	1	200	710	\$18 50
10	18	24	2	160	360	17 50
12	24	32	2	230	710	23 00

Cast-Iron Hand Lawn Rollers

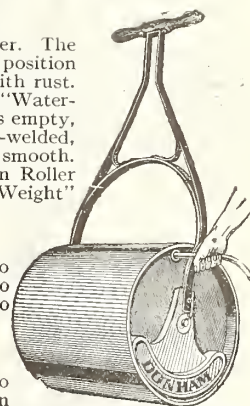
Made in one, two and three sections. The face of each Roller is made smooth, with outer edges rounded to avoid cutting the lawn or garden. Roller-bearing, outside counterbalancing weights to keep the handles in an upright position. The Rollers of two or more sections are preferable, as they will not injure the grass when turning. The best one-man Rollers are those averaging from 250 lbs. to 500 lbs.

No.	Sections	Diameter	Length	Weight	Price
1	2	15 in.	16 in.	150 lbs.	\$9 00
2	3	15 in.	24 in.	200 lbs.	11 00
4	2	20 in.	20 in.	250 lbs.	13 00
6	3	20 in.	24 in.	300 lbs.	15 00
8	3	20 in.	30 in.	350 lbs.	18 00
9	2	24 in.	20 in.	400 lbs.	21 00
11	3	24 in.	24 in.	450 lbs.	22 50
12	3	24 in.	30 in.	500 lbs.	25 50

Tubular All-Metal Hose Reel

The All-Metal Hose Reels are constructed entirely of metal, and are indestructible; light in weight, frictionless, and the wheels being high make it easily manipulated; these Reels cannot tip over when unreeling and there is no weight on the handle.

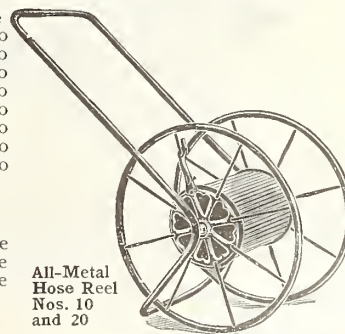
No. 10, 21-in. wheels, holds 100 feet of $\frac{3}{4}$ -inch hose, \$3.50.
No. 20, 24-in. wheels, holds 150 feet of $\frac{3}{4}$ -inch hose, \$4.



Fill with Water or Sand



Cast-Iron Hand Lawn Roller



All-Metal
Hose Reel
Nos. 10
and 20

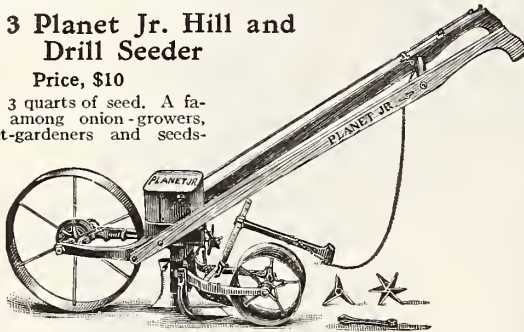
PLANET JR. FARM AND GARDEN IMPLEMENTS

Planet Jr. Tools are made better, last longer, and do more thorough work; save time, lighten labor, and get bigger crops. They are the tools for real economy. Fully guaranteed. **Come here for the Planet Jr. you need, or send postal for new Planet Jr. Catalogue, with 184 illustrations.**

No. 3 Planet Jr. Hill and Drill Seeder

Price, \$10

Holds 3 quarts of seed. A favorite among onion-growers, market-gardeners and seedsmen.

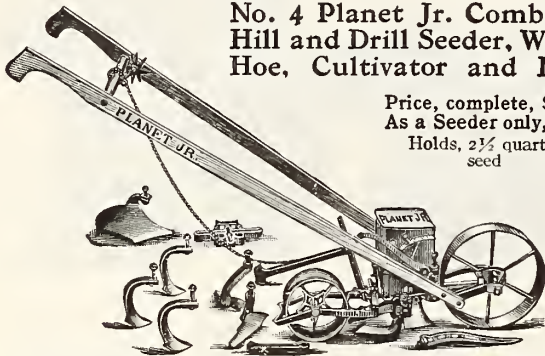


Sows in large or small quantities in drills or in hills, 4, 6, 8, 12, 24 inches apart. Force feed. We recommend customers to buy separate seed drills and wheel hoes where they have enough work to warrant it, and this is our popular size at a popular price.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, complete, \$10.50
As a Seeder only, \$8.50

Holds, $2\frac{1}{2}$ quarts of seed



This accurate and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth. No time is lost. No seed is wasted. By removing the seeder parts you have a first-class single-wheel hoe with a set of specially hardened steel tools, the best made. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys.

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double- and Single-Wheel Hoe, Cultivator and Plow

Price, \$13

Holds $2\frac{1}{2}$ quarts of seed. Steel frame



This combination is for gardeners who have a large enough acreage for a double-wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately.

As a seeder it is practically the same as the No. 4, and as a wheel hoe has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double-Wheel Hoe.

No. 31 Planet Jr. Combined Drill Seeder and Single-Wheel Hoe

Price, complete, \$6.75

No. 32, as a Drill Seeder only, \$4.75



This new combined tool is of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision from $\frac{1}{4}$ to 2 inches deep. Quickly changed to a wheel hoe. A special machine for the small gardener at a price he can afford to pay.

No. 11 Planet Jr. Combined Double- and Single-Wheel Hoe, Cultivator, Plow and Rake

Price, \$8.50

Steel frame, 14-inch steel wheel



A double- and single-wheel hoe in one. 14-inch steel wheels for 1916. Straddles crops till 20 inches high; then can be worked between rows with one or two wheels. The greatest hand-cultivating tool made. All steels are now hardened by a new process, giving longer wearing and easier running tools.

No. 12 Combined Double- and Single-Wheel Hoe, Cultivator and Plow

Price, \$6.50



This tool is identical with No. 11 Double-Wheel Hoe, except that it has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf-lifters only, and is sold at a correspondingly less price.

If You Don't Find What You Require in This List, Send for Planet Jr. Catalogue, with 184 Illustrations

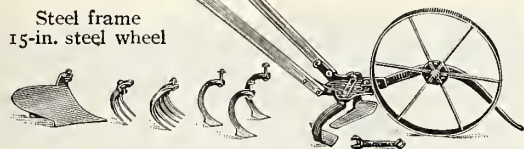
PLANET JR. FARM AND GARDEN IMPLEMENTS

You can't afford to farm without Planet Jr. Tools. They do the work of three to six men—do it better, give bigger results, and last a lifetime. Over two million farmers and gardeners are using them. Join their ranks now and share their success. Fully guaranteed. 72 page Planet Jr. Catalogue free.

No. 16 Planet Jr. Single-Wheel Hoe, Cultivator, Rake and Plow

Price, \$5.50

Steel frame
15-in. steel wheel



These Single-Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

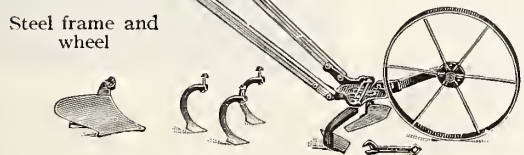
Nos. 16, 17, and 18 have the same steel wheels, frames and handles, but the attachments sold with each vary.

All attachments are of a special pattern, carefully tested by practical men. All the steel parts are high-carbon steel, oil-tempered and specially hardened, finely formed, finished and polished and work to a charm. Everyone who cultivates needs one.

No. 17 Planet Jr. Single-Wheel Hoe

Price, \$4.75

Steel frame and
wheel



You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17, has an outfit sufficient for most garden work.

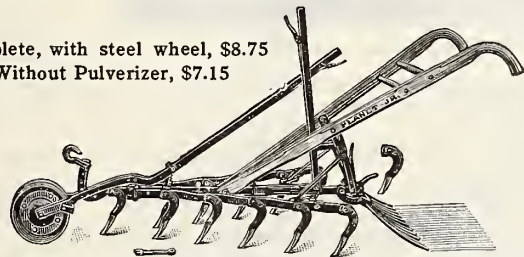
No. 18 Single-Wheel Hoe

Price, \$3.25

This has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other attachments can be added as needed.

Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

Complete, with steel wheel, \$8.75
Without Pulverizer, \$7.15



Stronger, steadier in action, and cultivates more thoroughly than any other Harrow made. Non-clogging steel wheel. Invaluable to the market-gardener, trucker, tobacco or small-fruit grower.

If You Don't Find What You Require in This List, Send for Planet Jr. Catalogue, with 184 Illustrations

No. 33 Planet Jr. Single-Wheel Hoe, Cultivator and Plow

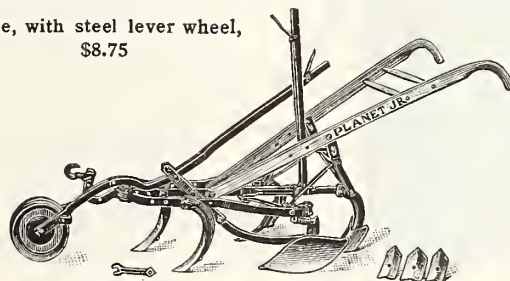
(The No. 31 without Seeder)
Price, \$2.75



This combination will delight the suburbanite or the growing boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light-running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

No. 8 Planet Jr. Combined Horse Hoe and Cultivator

Price, with steel lever wheel,
\$8.75



Stronger, better made, and capable of a greater variety of work than any other cultivator made. Non-clogging steel wheel. Depth-regulator and extra-long frame make it run steady. Adjustable for both depth and width.

No. 104 Planet Jr. Combined Horse Hoe and Cultivator

Price, \$6.50
Weight, packed, 62 lbs.



This admirable tool is new for 1916. The expander lever, instead of standing perpendicular, slants backward between the handles, so it can't get bent or broken, and won't injure crops under cultivation. Its weight adapts it particularly to use in light land, but it is strong enough for use anywhere, and is so simple in construction and has so few parts it can't get out of order.

Boddington's Water-Barrel Truck and Accessories

The Barrel is raised from the ground, carried to the place desired, and can be readily disconnected from or attached to the truck while barrel is either full or empty. We supply as extra attachments the following: A box with trunnions and spring catch, making a very superior dumping hand-cart. A sprinkler, invaluable for watering lawns and sprinkling walks. Water is turned on and off by hand-wheel and ball valve. A leaf rack, very useful for removing leaves and litter. An "Imperial" Force Pump for spraying, etc.

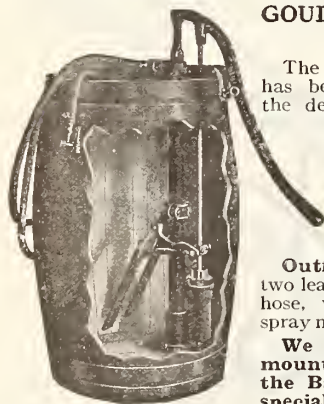
Truck and barrel, 1½-in. tire.....	\$12 00
Truck and barrel, 2½-in. tire.....	13 00
Truck and barrel, 3½-in. tire.....	14 00
New 8-hoop barrels, with trunnions on.....	3 25
Extra trunnions, per pair.....	50
Hand-cart Box.....	3 50
Leaf Rack.....	5 50
Sprinkler attachment.....	3 50

(If truck and trunnions without barrel are wanted, deduct \$2.75 from prices of trucks with barrel.)

"Imperial" Barrel Spray Pump

Clamps to the barrel; a low-priced Pump for spraying trees, bushes, etc.

Pump only.....	\$7 50
Pump complete, with 15 feet of ½-inch discharge hose and nozzle.....	11 50
Add for barrel and trunnions.....	3 50



GOULD'S "FRUITALL" SPRAY PUMP

The "Fruitall" illustrated herewith has been designed especially to meet the demand for a low-priced Sprayer, combining the necessary durability, efficiency and strength.

Outfit C. Sprayer with agitator and one lead of 15 feet ¾-inch discharge hose, with "Mistry Jr." spray nozzle. Price, without barrel, \$15.

Outfit D. Sprayer with agitator and two leads, 15 feet each, ½-inch discharge hose, with "Mistry" or "Mistry Jr." spray nozzle. Price, without barrel, \$18.50.

We supply Gould's Barrel, and mount Sprayer on it, for \$4.50, but the Barrel is not furnished unless specially ordered.

POMONA SPRAY PUMP

The Best Barrel Spray Pump on the Market



It is of large capacity and powerful, with long, adjustable leverage, so that it is easily operated by one person, when necessary, but is especially built for spraying from two leads of hose. The unusually large steel air-chamber gives sufficient pressure for a continuous and regular spray. All working parts are of brass, including plunger and valves, which are easily accessible; it has a paddle agitator. The bulk of the pump goes within the barrel; it is not top-heavy, and does not catch low branches.

Pomona Outfit C. Sprayer with agitator and one lead of 15 feet of ¾-inch spray hose, with "Mistry Jr." Spray Nozzle. With barrel.....

Pomona Outfit D. Same as the above, except with two leads of hose and two nozzles. (See cut.)

With barrel.....\$30 50

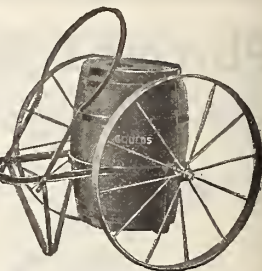
RUBBER SPRAY HOSE

High-pressure, ¾-inch bore, five-ply Hose. This Hose is especially manufactured to withstand the action of spray materials. 18 cts. per foot. Couplings and clamps, 25 cts. extra.

Gould's Barrel Cart Without Barrel

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Barrel for above.....	4 50



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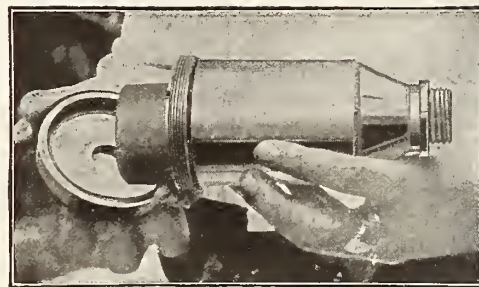
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2	9 in.	4½ in.	½ doz.	11 lbs.	60	5 70	11	18 in.	6 in.	½ doz.	30 lbs.	75	7 80
3	6½ in.	4 in.	½ doz.	7 lbs.	50	4 80	22	15 in.	4½ in.	½ doz.	16 lbs.	65	6 70
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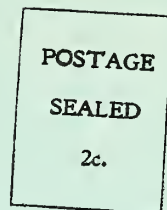
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